

# **SERVICE MANUAL**

AG3 chassis

MODEL

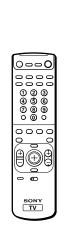
COMMANDER DEST.

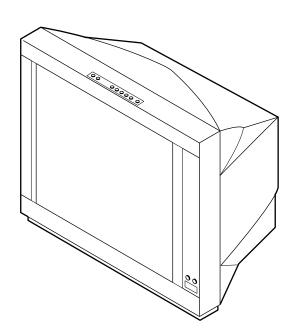
CHASSIS NO.

MODEL

COMMANDER DEST. CHASSIS NO.

KV-ES29M90 RM-916 Hong Kong SCC-P27A-A









## **SPECIFICATIONS**

		Note
Power requirements	110-240 V AC, 50/60 Hz	
Power consumption (W)	Indicated on the rear of the TV	
Television system	B/G, I, D/K, M	
Color system	PAL, PAL 60, SECAM, NTSC4.43, NTSC3.58	
Stereo/Bilingual system	NICAM Stereo Bilingual B/G, I; A2 Stereo Bilingual (German) B/G	
Channel coverage		
B/G	VHF: E2 to E12 / UHF: E21 to E69 / CATV: S01 to S03, S1 to S41	
I	UHF: B21 to B68 / CATV: S01 to S03, S1 to S41	
D/K	VHF: C1 to C12, R1 to R12 / UHF: C13 to C57, R21 to R60 CATV: Z1 to Z39, S01 to S03, S1 to S41	
M	VHF: A2 to A13 / UHF: A14 to A79 / CATV: A-8 to A-2, A to W+4, W+6 to W+84	
<b>⊺</b> Γ (Antenna)	75-ohm external terminal	
Audio output (Speaker)	15W + 15W	10% distortion
Number of terminal		
	Input: 4 Output: 1	Phono jacks; 1 V <sub>P-P</sub> , 75 ohms
∫ (Audio)	Input: 4 Output: 1	Phono jacks; 500 mVrms
⊕ (S Video)	Input: 2	Y: 1 Vp-p, 75 ohms, unbalanced, sync negative C: 0.286 Vp-p, 75 ohms
(Component Video)	Input: 1	Phono jacks Y: 1 Vp-p, 75 ohms, sync negative CB: 0.7 Vp-p, 75 ohms CR: 0.7 Vp-p, 75 ohms Audio: 500 mVrms
DIGITAL IN	Input: 1	Phono jack; 0.5 Vp-p, 75 ohms
	Output: 1	Stereo minijack
Picture tube	29 inch	
Tube size (cm)	72	Measured diagonally
Screen size (cm)	68	Measured diagonally
Dimension (w/h/d, mm)	722 × 561 × 524	
Mass (kg)	56	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

Design and specifications are subject to change without notice.

#### CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

#### **SAFETY-RELATED COMPONENT WARNING!!**

COMPONENTS IDENTIFIED BY SHADING AND MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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#### **SELF DIAGNOSTIC FUNCTION**

The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY/TIMER lamp will automatically begin to flash.

The number of times the lamp flashes translates to a probable source of the problem. A definition of the STANDBY/TIMER lamp flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the remote commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

#### 1. DIAGNOSTIC TEST INDICATORS

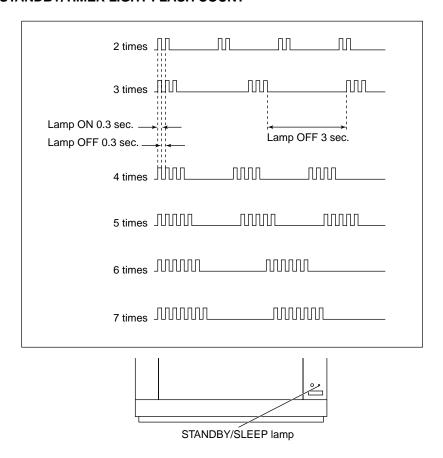
When an errors occurs, the STANDBY/TIMER lamp will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the lamp will identify the first of the problem areas.

Result for all of the following diagnostic items are displayed on screen. No error has occured if the screen displays a "0".

Diagnostic Item Description	No. of times STANDBY/TIMER lamp flashes	Self-diagnostic display/Diagnostic result	Probable Cause Location	Detected Symptoms
Power does not turn on	Does not light	_	<ul> <li>Power cord is not plugged in.</li> <li>Fuse is burned out F1601 (F1 Board)</li> </ul>	<ul> <li>Power does not come on.</li> <li>No power is supplied to the TV.</li> <li>AC power supply is faulty.</li> </ul>
• +B overcurrent (OCP)	2 times	002:000 or 002:001~255	H.OUT Q6807 is shorted.     H.LIM Q6810 is shorted.	Power does not come on.     Load on power line is shorted.
• +B overvoltage (OVP)	3 times	003:000 or 003:001~255	PH 6602 faulty.  10.5V is not supplied. (D board)	Power does not come on.
Vertical deflection failure	4 times	004:000 or 004:001~255	V.OUT IC6800 faulty     D6816 faulty     D6817 faulty     D6824 faulty     R6852 open     R6851 open	<ul> <li>Vertical deflection pulse is stopped.</li> <li>Vertical size is too small.</li> <li>Vertical deflection stopped.</li> </ul>
White balance failure (no PICTURE)	5 times	005:000 or 005:001~255	<ul> <li>G2 is improperly adjusted. (Note 2)</li> <li>CRT problem.</li> <li>Video OUT IC9001, 9002, 9003 are faulty. (C board)</li> <li>IC8306 (J board) and IC4301 (E board) are faulty.</li> <li>No connection E board to C board.</li> </ul>	No raster is generated.     CRT cathode current detection reference pulse output is small.
Horizontal deflection failure	6 times	006:000 or 006:001~225	C6831 is open circuit. CN6101 (D1 board) is disconnected.	H pulse output is too high.
Audio Protection	7 times	007:000 or 007:001~225	Power supply fails.     IC1203, IC1204 faulty	There is picture but speaker does not release sound.
Micro reset	_	101:00 or 101:001~225	Discharge CRT (C Board)     Static discharge     External noise	<ul> <li>Power is shut down shortly, after this return back to normal.</li> <li>Detect Micro latch up.</li> </ul>

Note 1: Refer to screen (G2) Adjustment in section 4-5 of this manual.

#### 2. DISPLAY OF STANDBY/TIMER LIGHT FLASH COUNT



<u>Diagnostic Item</u>	Flash Count*
+B overcurrent	2 times
+B overvoltage	3 times
V deflection stop	4 times
White balance failure	5 times
High voltage protector	6 times
Audio Protection	7 times

<sup>\*</sup> One flash count is not used for self-diagnostic.

#### 3. STOPPING THE STANDBY/TIMER FLASH

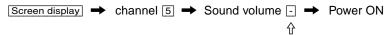
Turn off the power switch on the TV main unit or unplug the power cord from the outlet to stop the STANDBY/TIMER lamp from flashing.

#### 4. SELF-DIAGNOSTIC SCREEN DISPLAY

For errors with symptoms such as "power sometimes shuts off" or "screen sometimes goes out" that cannot be confirmed, it is possible to bring up past occurances of failure for confirmation on the screen:

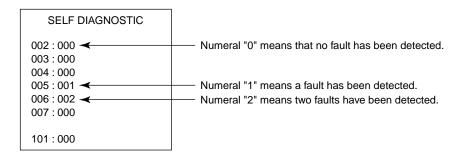
#### [To Bring Up Screen Test]

In standby mode, press buttons on the remote commander sequentially in rapid succession as shown below:



Note that this differs from entering the service mode (mode volume +).

#### Self-Diagnosis screen display



#### 5. HANDLING OF SELF-DIAGNOSTIC SCREEN DISPLAY

Since the diagnostic results displayed on the screen are not automatically cleared, always check the self-diagnostic screen during repairs. When you have completed the repairs, clear the result display to "0".

Unless the result display is cleared to "0", the self-diagnostic function will not be able to detect subsequent faults after completion of the repairs.

## [Clearing the result display]

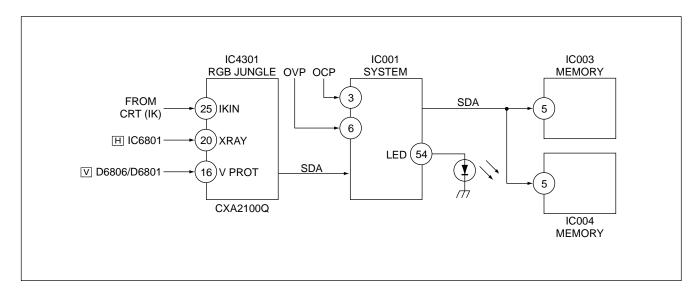
To clear the result display to "0", press buttons on the remote commander sequentially as shown below when the diagnostic screen is being displayed.

Channel <sup>8</sup> → 0

## [Quitting Self-diagnostic screen]

To quit the entire self-diagnostic screen, turn off the power switch on the remote commander or the main unit.

#### 6. SELF-DIAGNOSTIC CIRCUIT



+B overcurrent (OCP)

Occurs when an overcurrent on the +B(135) line is detected by Q6610 and Q6609

If Q6610 and Q6609 go to ON, the voltage to the pin3 of IC001 go to UP. The unit will automatically turn off.

+B overvoltage (OVP)

Occurs when an overvoltage on the +B(135) line is detected by D6635, Q6611 and Q6612. If Q6611 and Q6612 go to ON, the voltage to pin6 of IC001 go to UP. The unit will automatically turn off.

Vertical deflection failure

Occurs when an absence of the vertical deflection pulse is detected by Q6811, Q6819, Q6820, Q6821 and D6801. Shut down the power supply.

White balance failure

If the RGB levels do not balance or become low level within 5 seconds. This error will be detected by IC4301.

TV will stay on, but there will be no picture.

High voltage protector of Horizontal Deflection

Occurs when an overvoltage of horizontal pulse is detected by D6809 and IC6801.

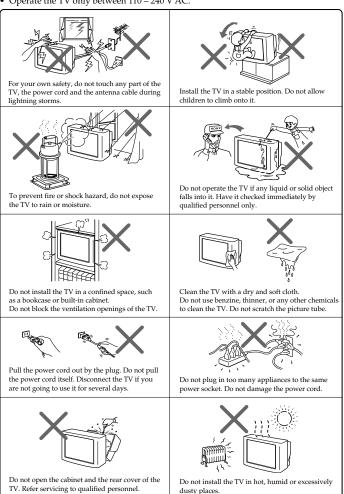
If the voltage of 7 pin of IC6801 goes to High, the voltage to pin20 of IC4301 go to UP. The unit will automatically turn off.

The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

# SECTION 1 GENERAL

## **WARNING**

- Dangerously high voltages are present inside the TV.
- Operate the TV only between 110 240 V AC.



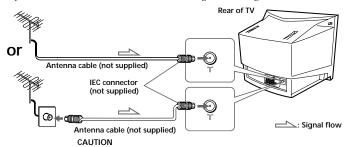
# **Using Your New TV**

# **Getting Started**

## Step 1

#### Connect the antenna

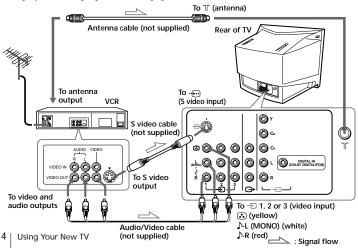
If you wish to connect a VCR, see the "Connecting a VCR" diagram below.



Do not connect the power cord until all other connections are complete; otherwise, a minimal current leakage through the antenna and/or other terminals to the ground could occur.

#### Connecting a VCR

To play a video tape, press extstyle extst



#### Notes

- If you connect a monaural VCR, connect the yellow plug to ๋€ (the yellow jack) and the black plug to Ĵ-L (MONO) (the white jack).
- If you connect a VCR to the ∏ (antenna) terminal, preset the signal output from the VCR to the program number 0 on the TV.
- When both the ⊕ (S video input) and ⊕ 1 (video input) are connected, the ⊕ (S video input) is automatically selected. To view the video input to ⊕ 1 (video input), disconnect the S video cable.

#### Step 2

# Insert the batteries into the remote

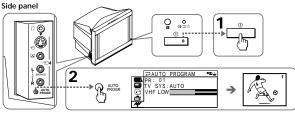


- Do not use old batteries or different types of batteries together.
- To operate some of the functions of your TV, you may have to open the remote control cover.



## Step 3

#### Preset the channels automatically



#### Notes

- To stop the automatic channel presetting, press MENU twice.
- If your TV has preset an unwanted channel or cannot preset a particular channel, then preset your TV manually (see page 41).
- To open the side panel of your TV, push on it until you hear a click, then it will open.

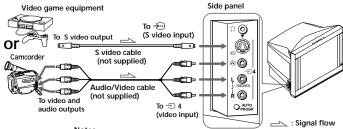


Using Your New TV

# **Connecting optional components**

You can connect optional audio/video components, such as a VCR, multi disc player, camcorder, video game, or stereo system. To watch and operate the connected equipment, see pages 11 and 25.

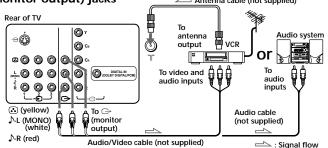
# Connecting a camcorder/video game equipment using the € (video input) jacks



#### Notes

- When connecting video game equipment, display the "FEATURE" menu and select "ON" for "GAME MODE" to adjust the picture setting that is suitable for video games (see page 36).
- You can also connect video equipment to the € 1, 2, or 3 (video input) jacks at the rear of your TV.
- When both the ⊕ (S video input) and ⊕ 4 (video input) are connected, the ⊕ (S video input) is automatically selected. To view the video input to ⊕ 4 (video input), disconnect the S video cable.

# Connecting audio/video equipment using the (monitor output) jacks Antenna cable (not supplied)

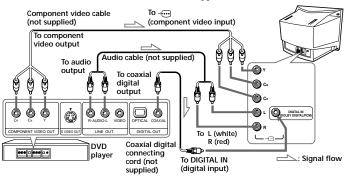


#### Note

- If you select "DVD" on your TV screen, no signal will be output at the  $\hookrightarrow$  (monitor output) jacks (see page 11).
- 6 | Using Your New TV

#### Connecting a DVD player to ⊕ (component video input)

- 1 Using an audio cable, connect R and L under ⊕ (component video input) on your TV to the LINE OUT, AUDIO R and L output connectors on your DVD player.
- 2 Using a coaxial digital connecting cord, connect DIGITAL IN under ← (component video input) on your TV to the DIGITAL OUT, COAXIAL output connector on your DVD player.
- 3 Using a component video cable, connect Y, CB, and CR under ← (component video input) on your TV to the COMPONENT VIDEO OUT Y, CB, and CR output connectors on your DVD player.
- 4 Press € on the remote or the TV until "DVD" appears on the screen.



#### Notes

• Some DVD player terminals may be labeled differently:

Connect	To (on the DVD player)
Y (green)	Y
C <sub>B</sub> (blue)	Cb, B-Y or PB
C <sub>R</sub> (red)	Cr, R-Y or Pr

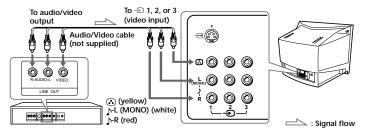
- When connecting to (component video input) on your TV, you must connect Y, CB, and CR to receive the video signals, and at least connect DIGITAL IN to receive digital audio signals or connect L and R to receive analog audio signals (see page 32).
- When making connections to DIGITAL IN under ← (component video input) on your TV, always set "DIGITAL IN: OFF" in the "A/V CONTROL" menu. After completing all connections, then set "DIGITAL IN: ON". If you set "DIGITAL IN: ON" while still making connections to ← DIGITAL IN (component video input), a loud noise may suddenly come out from the speakers, affecting your hearing and causing damage to the speakers (see page 32).

#### continued

# Using Your New TV | 7

#### Connecting optional components (continued)

#### Connecting a DVD player to € (video input)



#### Notes

- Since the high quality pictures on a DVD disc contain a lot of information, picture noise may appear. In this case, adjust the sharpness ("SHARP") under "PERSONAL ADJUST" in the "PICTURE MODE" menu (see page 31).
- Connect your DVD player directly to your TV. Connecting the DVD player through other video equipment will cause unwanted picture noise.

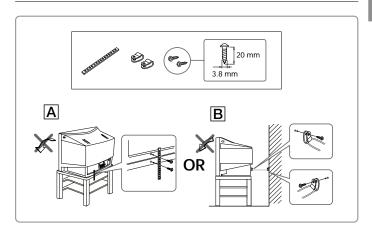
# Securing the TV

To prevent the TV from falling, secure the TV using one of the following methods:

 $\fbox{\bf A}$  With the supplied screws, attach the stabilizer band to the TV stand and to the rear of the TV using the provided hole.

#### OR

B Pass a cord or chain through the clamps and secure them to the rear of the TV and a wall or pillar.

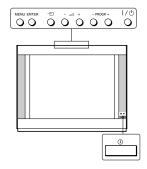


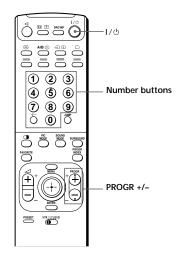
#### Note

• Use only the supplied screws. Use of other screws may damage the TV.

# Watching the TV

This section explains various functions and operations used while watching the TV. Most operations can be done using the remote.





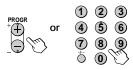
1 Press ① to turn on the TV.

When the TV is in standby mode (the (b) indicator on the TV is lit red), press I/(b) on the remote or on the TV.



Press PROGR +/- or the number buttons to select the TV channel.

For double digit numbers, press -t--, then the number (e.g., for 25, press -t--, then 2 and 5).

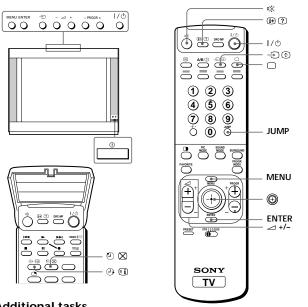


#### To select a TV program quickly

- (1) Press and hold PROGR +/-.
- (2) Release PROGR +/- when the desired program number appears.

#### Note

When you select a TV program quickly, the picture may be disrupted.
 This does not indicate a malfunction.



#### Additional tasks

То	Press
Turn off temporarily	いし. The ( <sup>t</sup> ) indicator on the TV lights up red.
Turn off completely	① on the TV.
Adjust the volume	<b>∠</b> +/−.
Mute the sound	₩.
Watch the video input (VCR, camcorder, etc.)	⊕ (or ⊕ on the TV) to select "VIDEO 1", "VIDEO 2", "VIDEO 3", "VIDEO 4"or "DVD". To return to the TV screen, press □ (or ⊕ on the TV).
Jump back to the previous channel	JUMP.
Display the on-screen information*	<b>(+)</b> .

<sup>\*</sup> Some picture/sound settings, and either the program number or video mode are displayed. The on-screen display for the picture/sound settings disappears after about 3 seconds.

continued

Using Your New TV

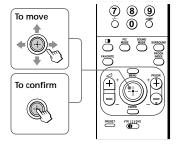
Using Your New TV

# Watching the TV (continued)

#### Using the Remote Control Button Joystick (1911)

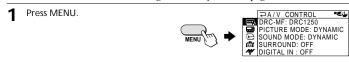
You can select the menu item on the screen by moving (1) up, down, left or right (see page 29).

To confirm a selected item, press . You can also press ENTER on the remote to confirm a selected item.



#### Changing the menu language

You can change the menu language as well as the on-screen language. For details on how to use the menu, see "Introducing the menu system" on page 27.



- Move 
  up or down to select 👜, then press 🕀
- DSET UP

  LANGUAGE ENGLISH
  CHILD LOCK:PR01 OFF
  P1C ROTATION
  FAVORITE CH
- Make sure "LANGUAGE" is selected then press (4).
- DSET UP
  LANGUAGE: ENG
  CHILD LOCK 中文
  PIC ROTATI
  AF FAVORITE C

  INTELLIGEN
- Move 倒 up or down to select the desired language (e.g., 中文), then press 🕀

The selected menu language appears.



#### To return to the normal screen

Press MENU.

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#### Setting the Wake Up timer

1 Press ① until the desired period of time appears.

The Wake Up timer starts immediately after you have set it.



**2** Select the TV channel or video mode you want to wake up to.

**3** Press 𝔾, or set the Sleep timer if you want the TV to turn off automatically. The 𝔾 indicator on the TV lights up orange.

#### To cancel the Wake Up timer

Press  $\ensuremath{\textcircled{\textcircled{$\circ$}}}$  until "WAKE UP TIMER: OFF" appears, or turn off the TV's main power.

#### Note

 If no buttons or controls are pressed for more than two hours after the TV is turned on using the Wake Up timer, the TV automatically goes into standby mode. To resume watching the TV, press any button or control on the TV or the remote.

#### Setting the Sleep timer

Press 🖰 until the desired period of time appears.

The Sleep timer starts immediately after you have set it.



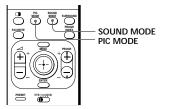
#### To cancel the Sleep timer

Press (4) until "SLEEP TIMER: OFF" appears, or turn the TV off.

#### **Advanced Operations**

# Selecting the picture and sound modes

You can select picture and sound modes and adjust the setting to your preference in the "PERSONAL" option.



#### Selecting the picture mode

Press PIC MODE repeatedly until the desired picture mode is selected.



Select	То
"DYNAMIC"	receive high contrast pictures.
"STANDARD"	receive normal pictures.
"HI-FINE"	receive higher resolution pictures with mild contrast.
"PERSONAL"	receive the last adjusted picture setting from the "ADJUST" option in the "A/V CONTROL" menu (see page 31).

#### Selecting the sound mode

Press SOUND MODE repeatedly until the desired sound mode is selected.



Select	То	
"DYNAMIC"	listen to dynamic and clear sound that emphasizes both the low and high tones.	
"DRAMA"	listen to sound that emphasizes voice and high tones.	
"SOFT"	receive soft sound.	
"PERSONAL"	receive the last adjusted sound setting from the "ADJUST" option in the "A/V CONTROL" menu (see page 31).	

#### Tip

• You can also set the picture and sound modes using the menu (see "Changing the "A/V CONTROL" setting" on page 30).

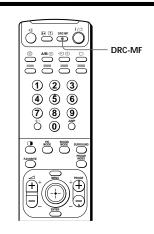
14 | Advanced Operations

| 13

# Viewing higher quality pictures

- "DRC-MF"

The Digital Reality Creation-Multi Function (DRC-MF) feature allows you to enjoy higher quality pictures on your TV. You can select "DRC1250" to watch super real (higher resolution) pictures, or "DRC100" to reduce flicker if necessary.



Press DRC-MF repeatedly until you receive the desired picture quality.



Select	То
"DRC1250"	select higher resolution pictures.
"DRC100"	reduce flicker on the screen.

#### qiT

When the broadcast signal is weak, you may see some dots or noise on the
TV screen. To reduce this interference, display the "A/V CONTROL"
menu and select "ADJUST" in "PICTURE MODE", then adjust "SHARP"
to reduce the sharpness (see page 31).

#### Note

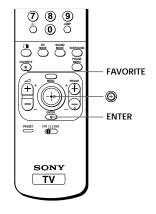
 The DRC-MF mode is not selectable when using the "PROGRAM INDEX" or "FAVORITE" channel feature, or when the "GAME MODE", Picture-In-Picture ("PIP"), or "TWIN" mode is turned "ON".

# Viewing your favorite channels

- "FAVORITE CH"

You can display seven favorite channels for quick and easy selection.

The last seven channels selected with the number buttons are displayed in "AUTO" mode. You can set up your own favorite channels in "MANUAL" mode under the "FAVORITE CH" menu (see "Changing the favorite channel setting" on page 39).



## Selecting a favorite channel

Press FAVORITE.

The last seven channels selected with the number buttons appear.



2 Move (a) up, down, left or right to select the desired channel (e.g. PR 8), then press (a).



**3** Press 🕀 again.



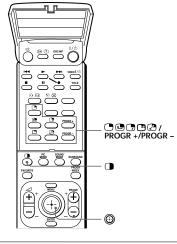
#### Note

• When you use your TV for the first time, seven preset channels appear.

# Watching two programs at the same time

- "PIP", "TWIN"

With the Picture-in-Picture (PIP) or TWIN pictures features, you can display a different TV program or video within or beside the main picture.



#### Displaying the PIP screen



#### **Displaying TWIN pictures**



#### To return to the normal screen

Press  $\ ^{\ }$  (when in the PIP screen) or  $\ ^{\ }$  (when in the TWIN picture screen).

Tip

• You can also display the PIP screen or TWIN pictures using the menu (see "Changing the MULTI PICTURE setting" on page 33).

continued

Advanced Operations

# Watching two programs at the same time (continued)

#### Additional PIP/TWIN pictures tasks

То	Press/Move
change a TV program in the PIP screen or in the right TWIN picture	Press PROGR + or PROGR For a video input, press •.
swap pictures between the main and PIP screens	Press 2.
freeze the PIP screen	Press 🖲. To unfreeze the screen, press the button again.
change the position of the PIP screen	Press .
swap the right and left pictures of the TWIN pictures	Press 2.
change the screen size of the TWIN pictures	Move ( left to increase the left screen size.
	Move @ right to increase the right screen size.

#### Notes

- The 🖰 button does not function in the TWIN pictures mode.
- When you display a video input on the PIP screen at a faster/slower speed, the picture may be disrupted depending on the VCR type.
- If you display different color systems on the main screen and the PIP screen, the size of the PIP screen may be different and the PIP picture may be disrupted. This does not indicate a malfunction of the TV.
- In the TWIN picture screen, you can only operate and hear the sound of the main left screen ( ) appears on the screen).
- When the Dutton is pressed, the TV screen flickers or goes blank for about one second before the TWIN pictures appear. This does not indicate a malfunction of the TV.

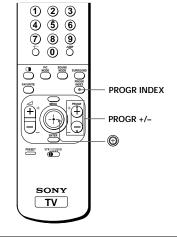
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Advanced Operations

# Displaying multiple programs

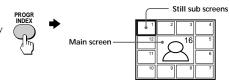
- "PROGRAM INDEX"

The PROGRAM INDEX feature displays all of the preset TV programs on twelve or seven sub screens for direct selection.

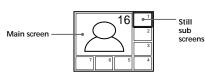


#### Press PROGR INDEX.

The first twelve preset programs appear one by one, clockwise from the upper left corner.



When the number of the preset TV programs is less than eight, the first seven preset programs appear one by one, clockwise from the upper right corner.



#### Tip

 When you press the PROGR INDEX button in the TWIN pictures mode, the left picture appears as the main screen of the PROGRAM INDEX mode.

# continued

#### Displaying multiple programs (continued)

#### To view the next or the previous twelve preset programs

This works only when the number of the preset TV programs is more than twelve.

Press PROGR +/- on the remote or the TV.

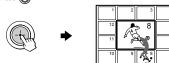


#### To select the desired program directly from the sub screens

1 Move (a) up, down, left or right to move the frame to the screen of the program you want to watch.







3 Press 🕀 again.



#### Tip

· Pressing the number buttons directly displays the program.

#### To return to the normal screen

Press PROGR INDEX again, or:

- 1 Select "PROGRAM INDEX" from the "MULTI PICTURE" menu.
- 2 Press 🕀.

#### Tip

• You can also display multiple programs using the menu (see "Changing the MULTI PICTURE setting" on page 33).

#### Note

 When displaying multiple programs, only the sound of the main screen is heard.

# Listening with surround sound

The surround feature enables you to enjoy the sound effects of a concert hall or movie theater.



Press SURROUND repeatedly until you receive the desired surround sound.



Select	То
"DO VIRTUAL"	listen to Dolby* Surround encoded sound.
"TruSurround"	listen to the surround sound that spreads out to the rear of a room.
"SIMULATED"	listen to monaural sound with a stereo-like effect.
"OFF"	turn off the surround sound.

#### Notes

- The Virtual Dolby Surround of this model consists of Dolby Digital, Dolby Pro Logic and TruSurround.
- The "DL VIRTUAL" (Virtual Dolby Digital) is only available when receiving a Dolby Digital signal through the ⊕ DIGITAL IN (component video input) jack at the rear of your TV and "DIGITAL IN: ON" in the "A/V CONTROL" menu is selected (see pages 7 and 30).
- When using the DIGITAL IN (component video input) jack at the rear
  of your TV, the available surround modes depend on the type of digital
  signal being received.
- SIMULATED uses SRS (MONO).
- \* Manufactured under license from Dolby Laboratories Licensing Corporation.

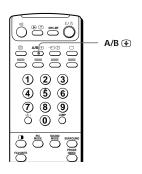
  DOLBY, the double-D symbol DD and "PRO LOGIC" are trademarks of Dolby Laboratories Licensing Corporation.

"**TruSurround**" is a trademark of SRS Labs, Inc. SRS and the SRS symbol are registered trademarks of SRS Labs, Inc. in the United States and selected foreign countries. SRS and TruSurround are incorporated under license from SRS Labs, Inc. and are protected under United States Patent Nos.4,748,669 and 4,841,572 with numerous additional issued and pending foreign patents".

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# **Enjoying stereo or** bilingual programs

You can enjoy stereo sound or bilingual programs of NICAM and A2 (German) stereo systems.

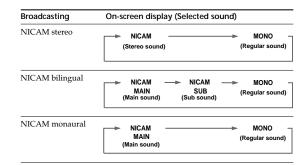


Press A/B repeatedly until you receive the sound you want.

The on-screen display changes to show the selected sound and the O indicator on the TV lights up red.



#### When receiving a NICAM program



continued

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**Advanced Operations** 

#### Enjoying stereo or bilingual programs (continued)

#### When receiving an A2 (German) program

Broadcasting	On-screen display (Selected sound)	
A2 (German) stereo	MONO (Regular sound)	STEREO - (Stereo sound)
A2 (German) bilingual	MAIN → (Main sound)	SUB - (Sub sound)

#### Receiving area for NICAM and A2 (German) programs

System	Receiving area	
NICAM	Hong Kong, Singapore, New Zealand, Malaysia, Thailand, etc.	
A2 (German)	Australia, Malaysia, Thailand, etc.	

- If the signal is very weak, the sound becomes monaural automatically.
- If the stereo sound is noisy when receiving a NICAM program, select "MONO". The sound becomes monaural, but the noise is reduced.
- · Before receiving a NICAM stereo program in China, please check the NICAM broadcast condition at your area. When receiving a NICAM stereo program, the receiving conditions might vary depending on area. In addition, different strength of the NICAM broadcast signal might affect the receiving quality.

#### If the sound is distorted or noisy when receiving a monaural program through the \( \pi \) (antenna) terminal

Press A/B repeatedly until "MONO" appears on the screen.

To cancel the monaural sound setting, press A/B again until "AUTO" appears on the screen.

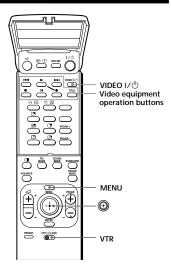


#### Notes

- The "MONO" or "AUTO" setting is memorized for each program
- You cannot receive a stereo broadcast signal when the TV is in the "MONO" setting. Normally, set the TV to "AUTO".

# **Operating** optional components

You can use the supplied remote to operate Sony video equipment such as Beta, 8 mm, VHS or DVD.



#### Setting up the remote to work with other connected equipment

Switch VTR to select the desired equipment type (see the chart below).

For example, to operate a Sony 8 mm VCR:



To control	Select	
DVD	DVD	
VTR1 (Beta)	1	
VTR2 (8 mm)	2	
VTR3 (VHS)	3	

- If your video equipment is furnished with a COMMAND MODE selector, set this selector to the same position as the VTR switch.
- If the equipment does not have a certain function, the corresponding button on the remote will not operate.

continued

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**Advanced Operations** 

#### Operating optional components (continued)

#### Operating a VCR using the remote

То	Press
turn on/off	VIDEO I / 🖰
record	➤ while pressing •.
play	<b>&gt;</b>
stop	
fast forward (►►)	<b>▶</b>
rewind the tape (◀◀)	I <b>44</b>
pause	II
	Press again to resume normal playback.
search the picture forward (>>>)	▶►I or I◀◀ during playback.
or backward (◀◀)	Release to resume normal playback.

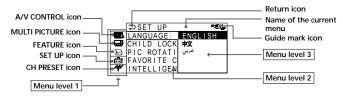
#### Operating a DVD player using the remote

То	Press
turn on/off	VIDEO I / 🖰
play	<b>&gt;</b>
stop	
pause	II
	Press again to resume normal playback.
step through different tracks of an audio disc	▶►I to step forward or I◀◀ to step backward.
display the title menu	TITLE
display the menu	MENU while holding down ●.
select the menu item	Move ௵ up, down, left or right while holding down ●.

# **Adjusting Your Setup (MENU)**

# Introducing the menu system

The MENU button lets you open a menu and change the settings of your TV. The following is an overview of the menu system.



Level 1	Level 2	Level 3/Function
"A/V CONTROL"	"DRC-MF"	Select the "DRC-MF" mode: "DRC1250"
	"PICTURE MODE"	Select the picture mode: "DYNAMIC" → "STANDARD" → "HI-FINE" → "PERSONAL" → "ADJUST"
	"ADJUST"	Adjust the "PERSONAL" option: "PICTURE" → "COLOR" → "BRIGHT" → "HUE" → "SHARP"
	"SOUND MODE"	Select the sound mode: "DYNAMIC" → "DRAMA" → "SOFT" → "PERSONAL" → "ADJUST"
	"ADJUST"	Adjust the "PERSONAL" option: "BASS" → "TREBLE" → "BALANCE" → "BBE"*
	"SURROUND"	Select the "SURROUND" mode: "DID VIRTUAL" $\rightarrow$ "TruSurround" $\rightarrow$ "SIMULATED" $\rightarrow$ "OFF"
	"DIGITAL IN"	Activate or deactivate the digital audio input jack at the rear of your TV.
"MULTI	"PIP"	Activate or deactivate the PIP feature.
PICTURE"	"PIP POSITION"	Change the position of the sub screen.
	"SWAP"	Swap the pictures between the main and sub screens.
₩	"TWIN"	Display a TV program or video beside the main screen.
	"PROGRAM INDEX"	Display all the preset TV programs at the same time.
"FEATURE"	"WIDE MODE"	Activate or deactivate WIDE MODE feature.
	"ECO MODE"	Activate or deactivate ECO MODE feature.
	"GAME MODE"	Activate or deactivate GAME MODE feature.

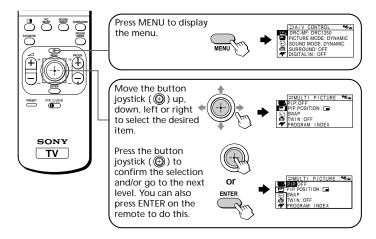
#### Introducing the menu system (continued)

Level 1	Level 2	Level 3/Function
"SET UP"	"LANGUAGE"	Change the menu language:
æ		"ENGLISH" → "中文" (Chinese) → " عربي" (Arabic)
<u> </u>	"CHILD LOCK"	Lock out specific channels.
	"PIC ROTATION"	Rotate the picture.
	"FAVORITE CH"	Set favorite channels.
	"INTELLIGENT VOL"	Adjust the volume automatically.
"CH PRESET"	"AUTO PROGRAM"	Preset channels automatically.
**	"MANUAL PROGRAM"	Preset channels manually.
	"SKIP"	Skip unwanted or unused program numbers.
	"TV SYS"	Select the TV system: "B/G" $\rightarrow$ "I" $\rightarrow$ "D/K" $\rightarrow$ " M"
	"COL SYS"	Select the color system: "AUTO" → "PAL" → "SECAM" → "NTSC3.58" → "NTSC4.43"

<sup>\*</sup> The BBE is manufactured by Sony Corporation under license from BBE Sound, Inc. It is covered by U.S. Patent No. 4,638,258 and No. 4,482,866. The word "BBE" and the BBE symbol are the trademarks of BBE Sound, Inc.

Adjusting Your Setup (MENU)

#### How to use the menu



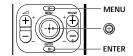
#### Other menu operations

То	Press/Move
Adjust the setting value	Move 📵 up, down, left or right.
Move to the next/previous menu level	Move 📵 left or right.
Cancel the menu	Press MENU.

- If you want to exit from Menu level 2 to Menu level 1, move up or down until the return icon (□) is highlighted, then press ⊚ or ENTER.
- The MENU, ENTER, and ∠ +/- buttons on the TV can also be used for the operations above.

 $\bullet\,$  If more than 60 seconds elapse between entries, the menu screen automatically disappears.

# Changing the "A/V CONTROL" setting



→A/V CONTROL

→ DRC-MF: DRC1250

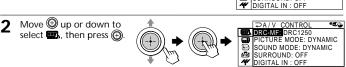
→ PICTURE MODE: DYNAMIC

SOUND MODE: DYNAMIC

SURROUND: OFF

The "A/V CONTROL" menu allows you to adjust the picture and sound settings.

Press MENU.



- Move up or down to DRC-MF: DRC1250 select either "DRC-MF" ■ PICTURE MODE
  SOUND MODE
  SURROUND : O
  DIGITAL IN "PICTURE MODE", "SOUND MODE", "SURROUND", or\_ "DIGITAL IN", then press ①
- Move (19) up or down to select the desired option, then press (19).



For	Select
"DRC-MF"	either "DRC1250" or "DRC100".
"PICTURE MODE"	either "DYNAMIC", "STANDARD", "HI-FINE", "PERSONAL"*, or "ADJUST".
"SOUND MODE"	either "DYNAMIC", "DRAMA", "SOFT", "PERSONAL"*, or "ADJUST".
"SURROUND"	either "DD VIRTUAL", "TruSurround", "SIMULATED", or " OFF".
"DIGITAL IN"	either "ON" or "OFF".

\* When the "PERSONAL" mode is selected, the last adjusted picture/sound settings from the "ADJUST" option are received (see page 31).

• For details on the options under the "DRC-MF", "PICTURE MODE"/ "SOUND MODE", "SURROUND" and "DIGITAL IN" modes, see pages 15, 14, 22 and 32 respectively.

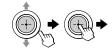
#### To return to the normal screen

Press MENU.

30 | Adjusting Your Setup (MENU)

## Adjusting the "ADJUST" options under "PICTURE MODE"

1 Move @ up or down to select the desired item (e.g., "COLOR"), then press @.



2 Adjust the value according to the following table, then press .

For	Move   down or left to	Move  up or right to
"PICTURE"	decrease picture contrast	increase picture contrast
"COLOR"	decrease color intensity	increase color intensity
"BRIGHT"	darken the picture	brighten the picture
"HUE"*	increase red picture tones	increase green picture tones
"SHARP"	soften the picture	sharpen the picture
	* You can adjust "HUE" for the	NTSC color system only.

3 Repeat the above steps to adjust other items.
The adjusted settings will be received when you select "PERSONAL".

#### Adjusting the "ADJUST" options under "SOUND MODE"

1 Move @ up or down to select the desired item (e.g., "BALANCE"), then press @.



BALANCE —

Adjust the value according to the following table, then press

Adjust the value according to the following table, then press .		
For	Move	
"BASS"	down or left to decrease the bass, up or right to increase the bass.	
"TREBLE"	down or left to decrease the treble, up or right to increase the treble.	
"BALANCE"	down or left to increase the left speaker's volume, up or right to increase the right speaker's volume.	
"BBE"	up or down to select "HIGH", "LOW", or "OFF". "BBE" can produce clear sound.	

3 Repeat the above steps to adjust other items.
The adjusted settings will be received when you select "PERSONAL".

#### Changing the "A/V CONTROL" setting (continued)

#### Setting the "DIGITAL IN" options

1 In the "DIGITAL IN" menu, move (a) up or down to select the desired option (see table below).



Select	То
"ON"	receive digital audio signal through 🖅 DIGITAL IN (component video input) jack.
"OFF"	receive analog audio signal through $\stackrel{\longleftarrow}{-\!\!\!\!-\!\!\!\!-\!\!\!\!-} L$ and R (component video input) jack.

Press to confirm the selected option.



#### Note

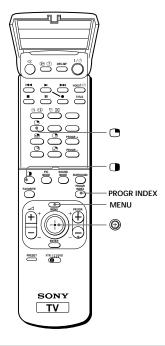
 Your TV can only receive Dolby Digital or Linear PCM format digital signals through the DIGITAL IN (component video input) jack (see page 7). Receiving any other format digital signal may cause unwanted noise or no sound from the speakers.

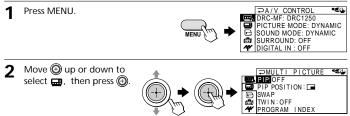
#### Tip

• For details on the menu system and how to use the menu, refer to "Introducing the menu system" on page 27.

# Changing the "MULTI PICTURE" setting

The "MULTI PICTURE" menu allows you to use the Picture-in-Picture (PIP), TWIN pictures, or PROGRAM INDEX features.





#### Changing the "MULTI PICTURE" setting (continued)

Move (a) up or down to select the desired option (see the table below), then press (b).



Select	То	
"PIP"	display the PIP screen within the main picture. Move ⊚ up or down to select "ON", then press ⊚. To cancel, press ♂ or select "OFF", then press ⊚.	
"PIP POSITION"	change the position of the PIP screen.  Move ③ up or down to select the desired position, then press ⑤	
	→ <b>•</b> • • • • • • • • • • • • • • • • • •	
"SWAP"	swap the main and PIP screens, or right and left pictures of the TWIN pictures.	
"TWIN"	display a different TV program or video beside the main picture. Move $\textcircled{3}$ up or down to select "ON", then press $\textcircled{3}$ . To cancel, press $\textcircled{1}$ or select "OFF", then press $\textcircled{3}$ .	
"PROGRAM INDEX"	view multiple programs on the sub-screens. To cancel, press PROGR INDEX.	

#### To return to the normal screen

Press MENU.

#### Пр

• For details on the menu system and how to use the menu, see "Introducing the menu system" on page 27.

continued

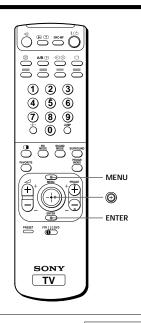
Adjusting Your Setup (MENU) | 33

3

34 | Adjusting Your Setup (MENU)

# Changing the "FEATURE" setting

The "FEATURE" menu allows you to change the size of the picture on the screen when receiving wide mode (16:9) picture signals. You can also adjust the picture setting that is suitable for viewing video games, and reduce the power consumption of your TV.



Press MENU.



Move ⊕ up or down to select ⊨, then press ⊕



#### continued

Adjusting Your Setup (MENU) | 35

# Changing the "FEATURE" setting (continued)

Move (1) up or down to select the desired option (see the table below), then press (2).



Select	То
"WIDE MODE"	change the size of the picture when receiving wide-mode (16:9 picture signal.
	Move $\textcircled{9}$ up or down to select "ON", then press $\textcircled{9}$ .
	•

To restore the normal picture size, select "OFF" then press .

"ECO MODE" reduce power consumption of your TV to save energy.

Move @ up or down to select "ON", then press @.

To cancel, select "OFF", then press @.

"GAME MODE" adjust the picture setting that is suitable to view video games.

Move @ up or down to select "ON", then press @.

To cancel, select "OFF", then press @.

#### Note

- When you turn on "ECO MODE", the picture may become dimmer.
   Turning "ECO MODE" off will restore the picture to its original setting.
- "WIDE MODE" and "GAME MODE" is available only when receiving signals through the ⊕ (video input), ⊕ (S video input), or ⊕ (component video input) jacks at the side and rear of your TV.

#### Tip

 You can check if "ECO MODE" is turned on by checking its setting in the menu or by pressing ⊕ on the remote. If "ECO MODE" is on, then the ♣to icon will appear on the bottom right corner of the screen.

#### To return to the normal screen

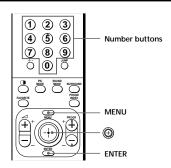
Press MENU.

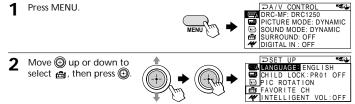
#### Tip

• For details on the menu system and how to use the menu, see "Introducing the menu system" on page 27.

# Changing the "SET UP" setting

The "SET UP" menu allows you to: change the menu language, block channels, adjust the picture position, program your favorite channels, and adjust the volume automatically.





Move (19) up or down to select the desired option, then press (19).



Select	То		
"LANGUAGE"	change the menu language (see page 12).		
"CHILD LOCK"	block channels (see page 38).		
"PIC ROTATION"	adjust the picture position when it is not aligned with the TV scree Move oup or right to adjust the position clockwise, then press on Move of down or left to adjust the position counterclockwise, the press of Department of the position counterclockwise, the press of Department of of Dep		

select your favorite channels (see pages 16 and 39). "FAVORITE CH" adjust the volume of each TV program automatically. Move 1 up or down to select "ON", then press 0. "INTELLIGENT VOL" To cancel, select "OFF", then press .

#### To return to the normal screen

continued

Press MENU.

Adjusting Your Setup (MENU) | 37

#### Changing the "SET UP" setting (continued)

#### Blocking channels ("CHILD LOCK")

After selecting "CHILD LOCK", either move (19) up or down, or press the number buttons (or PROGR +/-) to select the CHILD LOCK PR CONTACT ON INTELLIGEN OFF desired channel (e.g. PR 06), then press (19). 4 5 6

Move (1) up or down to select "ON", then a press 🕀. To unlock the channel, select "OFF". PIC ROTATION FAVORITE CH The lock symbol ( appears on the screen when "ON" is selected.

If a locked channel is selected, the lock symbol appears on the screen.



Repeat steps 1 and 2 to lock other channels.

#### To return to the normal screen

Press MENU.

• If you preset a locked channel, that channel will be unlocked (see page 40).

#### Changing the favorite channel setting

After selecting "FAVORITE CH", make sure "MODE" is selected, then press .



Move (1) up or down to select "MANUAL", then press (1).



Move (a) up or down to select the program you want to change, then press (a).



Move (1) up or down to change the number, then press (1).



**5** Repeat steps 3 and 4 to set other channels.

#### To return to the normal screen

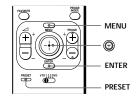
Press MENU.

#### Note

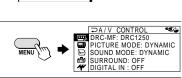
 If you press the PROGR +/- buttons or number buttons in step 4 above, the TV will display the channel immediately.

# Changing the "CH PRESET" setting

The "CH PRESET" menu allows you to adjust the setup of your TV. For example, you can manually tune in a channel with a weak signal that fails to be tuned in by automatic presetting.



1 Press MENU.



2 Move (1) up or down to select (4", then press (1)



Move (1) up or down to select the desired option, then press (2).



Select	То
"AUTO PROGRAM"	preset channels automatically.
"MANUAL PROGRAM"	preset channels manually. See "Presetting channels manually" on page 41.
"SKIP"	skip unwanted or unused channels.  1 Either move  up or down, or press the number buttons (or PROGR +/-) until the unused or unwanted channel number appears, then press .  2 Select "ON", then press .  3 To disable other channels, repeat steps 1 and 2.  To restore the skipped channel, select "OFF" in step 2.
"TV SYS"	select the TV system.
"COL SYS"	select the color system. Normally, set this to "AUTO".

#### To return to the normal screen

Press MENU.

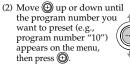
Tip

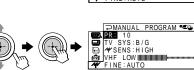
• For details on the menu system and how to use the menu, refer to "Introducing the menu system" on page 27.

#### Presetting channels manually

1 After selecting "MANUAL PROGRAM", select the program number to which you want to preset a channel.







⇒MANUAL PROGRAM 🦘

PR: 06
TV SYS:B/G

MY SENS: HIGH

FINE: AUTO

HF LOW IIIIIIIIIIIIII

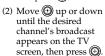
VHF LOW

#### Tips

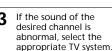
- You can also select the "MANUAL PROGRAM" menu directly by pressing the PRESET button on the remote.
- You can also select the program number with the PROGR +/- or number buttons.

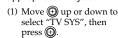
Select the desired channel.

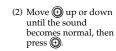














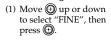
continued

Adjusting Your Setup (MENU) | 41

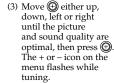
FINE: AUTO

#### Changing the "CH PRESET" setting (continued)

If you are not satisfied with the picture and sound quality, you may be able to improve them by using the "FINE" tuning feature.









→MANUAL PROGRAM

PR: 10 TV SYS:I

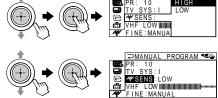
₩SENS:HIG



If the TV signal is too strong and the picture is distorted, you can adjust the TV reception sensitivity.







#### To return to the normal screen

Press MENU.

#### Notes

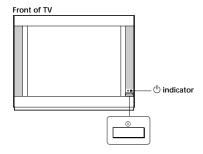
- The TV system ("TV SYS") and the TV reception sensitivity (" SENS") settings are memorized for each program number.
- If you preset a locked channel, that channel will be unlocked (see page 38).

42 | Adjusting Your Setup (MENU)

#### **Additional Information**

# **Self-diagnosis function**

Your TV is equipped with a self-diagnosis function. If there is a problem with your TV, the (b) (standby) indicator flashes red. The number of times the (b) indicator flashes indicates the possible causes.



- Check that the (1) indicator flashes red a number of times between 3-second
- Count the number of times the 1 indicator flashes.
- Press ① (main power) to turn off your TV.
- Inform your nearest Sony service center about the number of times the (b) indicator flashed.

Be sure to note the model name and serial number located on the rear of your TV.

**Troubleshooting** 

If you have any problem while viewing your TV, please check the following troubleshooting guide. If the problem persists, contact your Sony dealer.

Symptom	Possible cause	Solutions	Page
Snowy picture	The connection is loose or the cable is damaged.	Check the antenna cable and connection on the TV, VCR and at the wall.	4
	Channel presetting is inappropriate or incomplete.	Press the PRESET button to display the "MANUAL PROGRAM" menu and preset the channel again.	41
Noisy sound	The antenna type is inappropriate.	Check the antenna type (VHF/UHF). Contact a Sony dealer for advice.	-
	The antenna direction needs adjustment.	Adjust the antenna direction. Contact a Sony dealer for advice.	-
	Signal transmission is low.	Try using a booster.	-
Distorted picture	Broadcast signals are too strong.	Press the PRESET button to display the "MANUAL PROGRAM" menu. Then, select " SENS: LOW".	42
Noisy sound		Turn off or disconnect the booster if it is in use.	_
Good picture	The TV system setting is inappropriate.	If the sound of all the channels are noisy, display the "CH PRESET" menu and select "AUTO PROGRAM" to preset the channels again.	40
Noisy sound		If the sound of some channels is noisy, select the channel, then display the "CH PRESET" menu and select the appropriate TV system ("TV SYS").	41
	The digital audio signal is inappropriate.	Set "DIGITAL IN: OFF" in the "A/V CONTROL" menu and connect ← L and R (component video input) on your TV to receive analog audio signals.	7, 32
No picture	The power cord, antenna or VCR is not connected.	Check the power cord, antenna and the VCR connections.	4
	The TV is not turned	• Press I/() (power).	10
No sound	on.	Press ① (main power) on the TV to turn off the TV for about five seconds, then turn it on again.	11

44 | Additional Information

Symptom	Possible cause	Solutions	Page
Good picture	The volume level is too low.	<ul> <li>Press</li></ul>	11
	The sound is muted.	Press ox to cancel the muting.	11
No sound	The broadcast signal has a transmission problem.	Press A/B until a better sound is heard.	23
	The digital audio signal is inappropriate.	Set "DIGITAL IN: OFF" in the "A/V CONTROL" menu and connect ← L and R (component video input) on your TV to receive analog audio signals.	7, 32
	The "DIGITAL IN" setting in the "A/V CONTROL" menu is inappropriate.	When connecting to	32
Dotted lines or stripes	There is local interference from	<ul> <li>Do not use a hair dryer or other equipment near the TV.</li> </ul>	-
· · · · · · · · · · · · · · · · · · ·	cars, neon signs, hair dryers, power generators, etc.	Adjust the antenna direction for minimum interference. Contact a Sony dealer for advice.	-
Double images or "ghosts"	Broadcast signals are reflected by nearby mountains or buildings.	Use a highly directional antenna.     Use the fine tuning ("FINE") function.	- 42
	The antenna direction needs adjustment.	Adjust the antenna direction. Contact a Sony dealer for advice.	-
	Use of a booster is inappropriate.	Turn off or disconnect the booster if it is in use.	-
No color	The color level setting is too low.	Display the "A/V CONTROL" menu and select "ADJUST" of "PICTURE MODE", then adjust the "COLOR" level.	31
	The color system setting is inappropriate.	Display the "CH PRESET" menu and check the color system ("COL SYS") setting (usually set this to "AUTO").	40
	The antenna direction needs adjustment.	Adjust the antenna direction. Contact a Sony dealer for advice.	-
Abnormal color patches	The magnetic disturbance from external speakers or other equipment, or the direction of the earth's magnetic field may affect the TV.	Locate external speakers or other equipment away from the TV. Do not move the TV while the TV is turned on. Press ① (main power) on the TV to turn off the TV for about five minutes, then turn it on again.	-

continued

Additional Information | 45

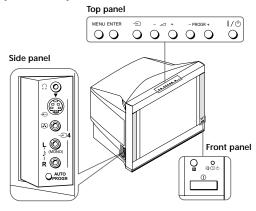
# Troubleshooting (continued)

Symptom	Possible cause	Solutions	Page
TV cannot receive stereo broadcast signal.	The stereo reception setting is inappropriate.	Press A/B until "AUTO" appears on the screen.	23
Stereo broadcast sound switches on and off or	The connection is loose or the cable is damaged.	Check the antenna cable and connection on the TV, VCR and on the wall.	4
is distorted.  Or	<ul> <li>The antenna direction needs adjustment.</li> </ul>	Adjust the antenna direction. Contact a Sony dealer for advice.	-
The sound switches between stereo and monaural frequently.	The broadcast signal has a transmission problem.	Press A/B until a better sound is heard.	23
Picture slant	Terrestrial magnetism is affecting your TV set.	Display the "SET UP" menu and adjust "PIC ROTATION" so that the picture is aligned to the TV screen.	37
Lines moving across the TV screen.	There is interference from external sources, e.g., heavy machineries, nearby broadcast station.	Use the fine tuning ("FINE") function.	42
The indicator on your TV flashes red a number of times between 3-second intervals.	Your TV may need servicing.	Contact your nearest Sony service center.	43
TV cabinet creaks.	Changes in room temperature sometimes make the TV cabinet expand or contract, causing a noise. This does not indicate a malfunction.	_	-
A small "boom" sound is heard when the TV is turned on.	The TV's demagnetizing function is working. This does not indicate a malfunction.	_	-
Static discharge is felt when touching the TV cabinet.	This is the same static discharge that is felt when touching metal door handles or car doors especially when the air is dry, for example in winter. This does not indicate a malfunction.	_	_

46 | Additional Information

# **Identifying parts and controls**

Front, top and side panels



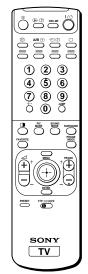
Button	Function	Page
Side panel		
0	Headphone jack.	_
AUTO PROGR	Preset channels automatically.	5
Front panel	Turn off completely or	10
U	turn on the TV.	
Top panel		
1/0	Turn off temporarily or turn on the TV.	10
PROGR +/-	Select program number.	10
<b>⊿</b> +/-	Adjust volume.	11
€	Select TV or video input.	11
ENTER	Confirm selected items.	29
MENU	Display the menu.	29

continued

Additional Information | 47

# Identifying parts and controls (continued)

#### Remote control

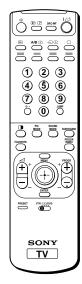


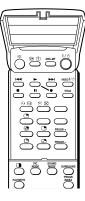


The names/symbols of buttons on the remote are indicated in different colors to represent the available

Label color	Button function
White	For general TV operations
Green	For Teletext operations
Yellow	For PIP operations

Button	Function	Page
1/0	Turn off temporarily or turn on the TV.	10
PROGR +/-	Select program number.	10
0 - 9, -/	Input numbers.	10
<b>i</b> +	Display on-screen information.	11
u*	Mute the sound.	11
0	Display the TV program.	11
€	Select TV or video input.	11
∠ +/-	Adjust volume.	11
JUMP	Jump to previous channel.	11
Timer operations		
(D)	Set TV to turn on automatically.	13
<b>(</b> E)	Set TV to turn off automatically.	13
SOUND MODE	Select sound mode.	14
PIC MODE	Select picture mode.	14
DRC-MF	Select DRC-MF mode.	15
Favorite Channel	pperations	
FAVORITE	Display favorite channels.	16
<b>(</b>	Select desired channel.	16
PIP and Twin pictu	ire operations	
•	Display the PIP screen.	17
0	Display TWIN pictures.	17
	Adjust Twin picture size.	18
PROGR +/ PROGR -	Change program in PIP/ Twin picture.	18
•	Select video input for PIP/ Twin picture.	18
<b>2</b>	Swap main and PIP/Twin picture.	18
<u></u>	Freeze PIP screen.	18
•	Adjust position of PIP screen.	18
•	•	



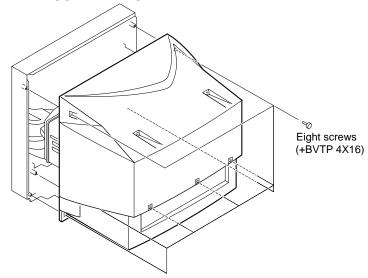


Button	Function	Page
Program Index o	ations	
PROGR INDEX	Display all preset TV programs.	19
PROGR +/-	View next/previous 12 TV programs.	20
<b>(</b>	Select desired channel.	20
SURROUND	Select surround mode.	22
A/B	Select stereo/bilingual mode.	23
Teletext operation (not used for this		
	Display Teletext broadcast.	-
<b>i</b>	Display Teletext service contents.	-
<b>(</b>	Stop Teletext page from scrolling.	-
?	Reveal concealed information.	-
•	Enlarge the Teletext display.	-
$\boxtimes$	Show TV screen while waiting for Teletext page.	-
0 - 9	Input Teletext page number.	-
PROGR +/-	Display the next or previous page.	-
(red, green, yellow, blue)	Access a FASTEXT menu.	-
Optional compone	nts operations	
VTR	Set up the remote.	25
VIDEO I / 🖰	Power.	26
TITLE	Display the title menu.	26
<b></b>	Play.	26
▶▶	Fast forward/Search forward.	26
<b>I</b> ◀◀	Rewind/Search backward.	26
•	Record.	26
	Stop.	26
II	Pause.	26
Menu operations		
MENU	Display the menu.	29
<b>(</b>	Select, adjust and confirm selected items.	29
ENTER	Confirm selected items.	29
PRESET	Display "MANUAL PROGRAM" menu.	41

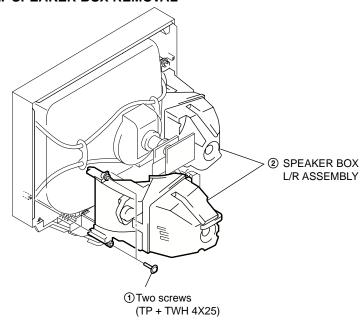
# - 32 –

# SECTION 2 DISASSEMBLY

#### 2-1. REAR COVER REMOVAL

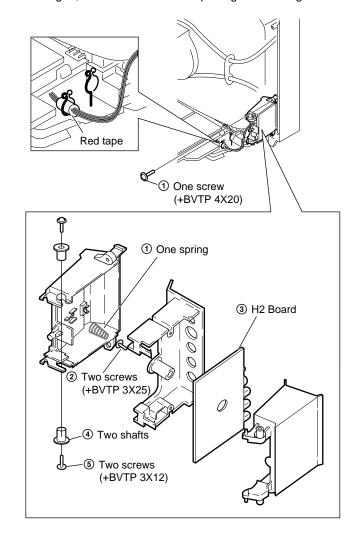


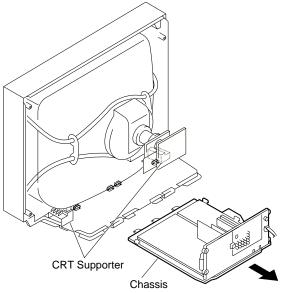
## 2-2. SPEAKER BOX REMOVAL



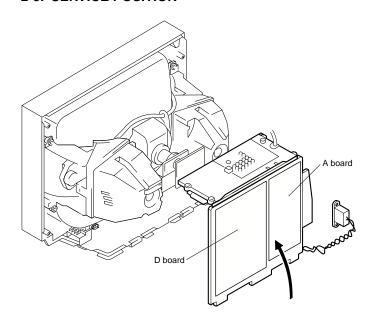
## 2-3. H2 BOARD REMOVAL

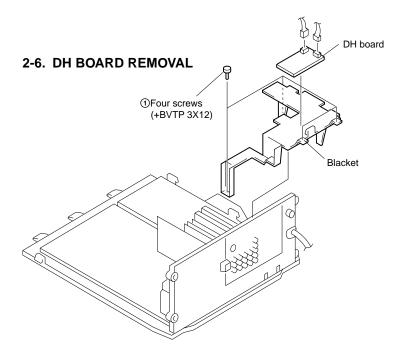
Caution: Please make sure that the red colour taped point is just placed with the purse lock when treating the leads to H2 board. If lead treatment is wrongly arranged, it will affect the door opening and closing malfunction.



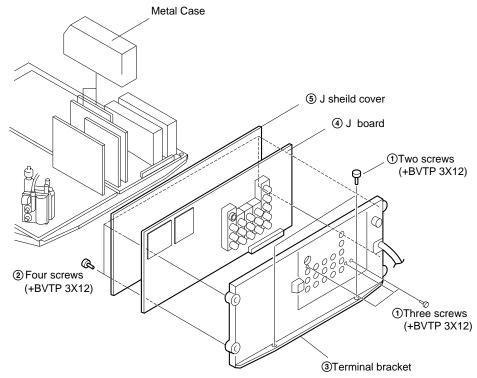


## 2-5. SERVICE POSITION



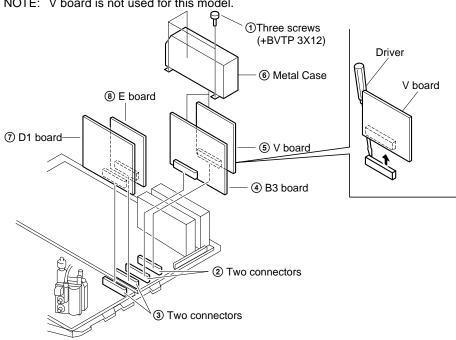


## 2-7. J BOARD REMOVAL

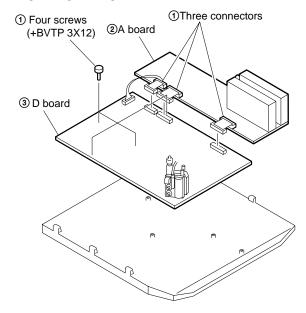


#### 2-8. B3, D1 AND E BOARDS REMOVAL

NOTE: V board is not used for this model.

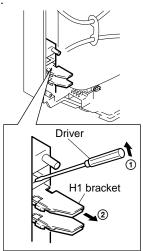


#### 2-9. A AND D BOARDS REMOVAL



#### 2-10. H1 BOARD REMOVAL

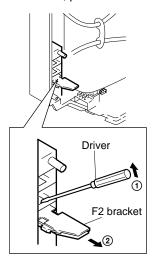
Push the hook down using the tip of a screwdriver and at the same time NOTE: pull the H1 bracket.



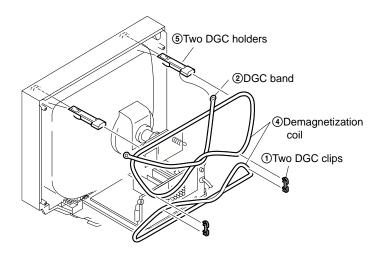
### 2-11. F2 BOARD REMOVAL

NOTE: To remove F2 board, firstly remove the H1 board. Then, push the hook down using the tip of a screwdriver and at the same time pull the F2 bracket.

Caution: When removing the F2 board, please turn off the main AC supply.

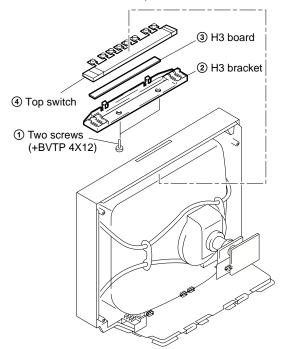


## 2-12. DEMAGNETIZATION COIL REMOVAL



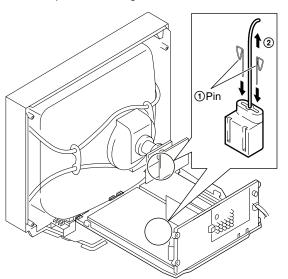
# 2-13. TOP SWITCH REMOVAL (H3 BOARD REMOVAL)

NOTE: To remove H3 board, the CRT has to be removed first.



#### 2-14. G2 LEAD REMOVAL

NOTE: Insert pin to both edge holes on socket and release the lock.



#### 2-15. PICTURE TUBE REMOVAL

NOTE: Prior to picture tube removal, please remove the front cover first.

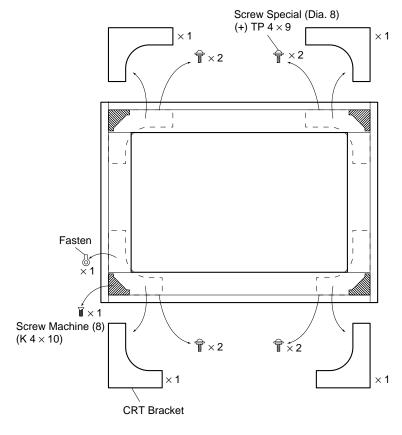
Caution: Aluminium frame is easily scratched if extra caution is not taken when han-

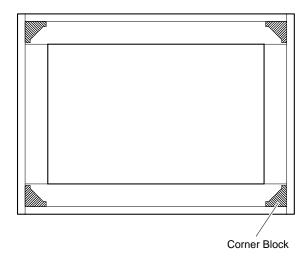
dling it.

# ⑤ Chassis assembly 7 C board 12 Two DGC clips ® Neck assembly 9 Deflection yoke Two springs ②Speaker box(L) assembly 4 Two claws 1)Two screws (TP+TWH 4X25) 11)Two fooks ⊚ Four screws (+BVTP 4X25) 36 (15) Demagnetization coil (14) DGC band 1 Two screws (TP+TWH 4X25) (13) Two DGC holders 9 3 Anode cap 16 Four screws 17) Picture tube ② Speaker box(R) Cushion assembly

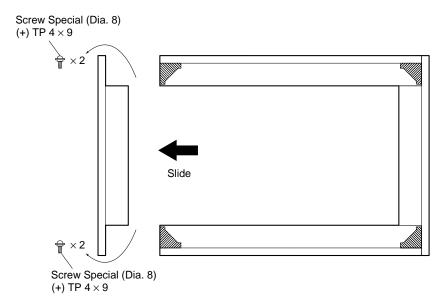
#### 2-16. FRAME SUB-ASSY DISASSEMBLY

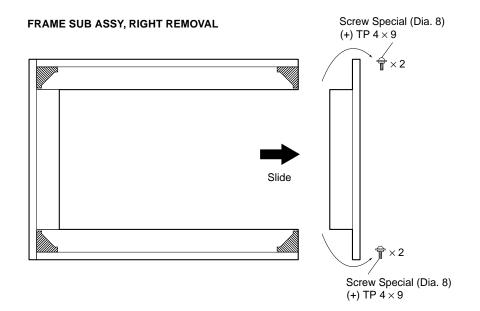
1

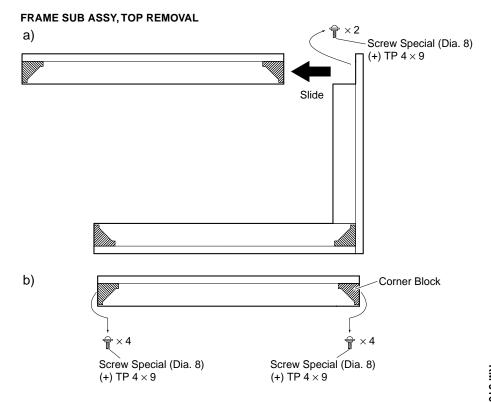




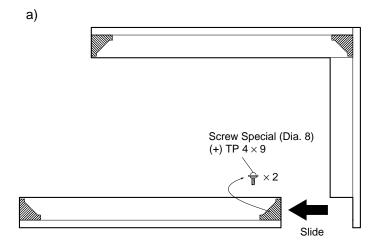
#### FRAME SUB ASSY, LEFT REMOVAL

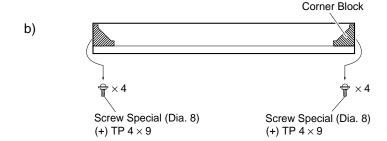






#### FRAME SUB ASSY, BOTTOM REMOVAL





NOTE: When replacing the Frame Sub-Assy Top and Bottom, fix the original corner block to the new part.

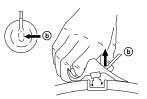
#### • REMOVAL OF ANODE-CAP

NOTE: After removing the anode, short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT.

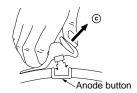
#### REMOVING PROCEDURES



1 Turn up one side of the rubber cap in the direction indicated by the arrow a.



② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow **(b)**.

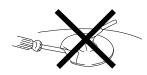


When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow ©.

#### HOW TO HANDLE AN ANODE-CAP

- ① Do not damage the surface of anode-caps with sharp shaped objects.
- ② Do not press the rubber too hard so as not to damage the inside of anode-cap. A metal fitting called the shatter-hook terminal is built into the rubber.
- ③ Do not turn the foot of rubber over too hard.
  The shatter-hook terminal will stick out or damage the rubber.

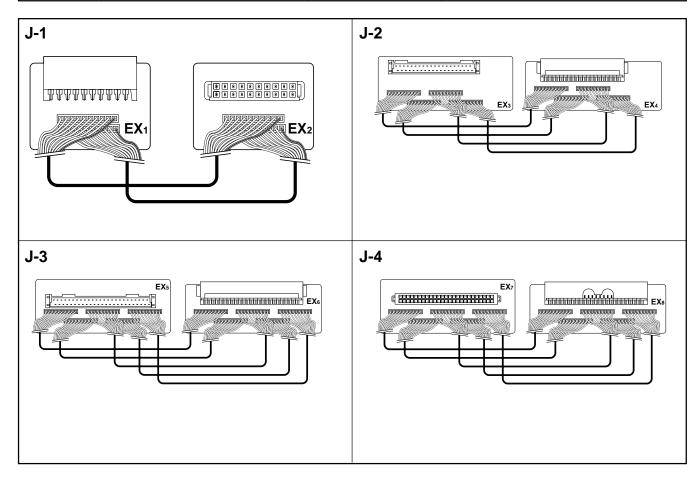




# SECTION 3 SERVICE JIG

#### 3-1. JIGS REQUIRED FOR SERVICING

REF NO.	DESCRIPTION	PART NO.	REMARK
J-1	TOOL (20P), SERVICE	3-702-763-01	For A to V board extension
J-2	TOOL (40P), SERVICE	3-702-764-01	For A to E board extension
J-3	TOOL (50P-A), SERVICE	3-702-765-01	For A to B3 board extension
J-4	TOOL (50P-J), SERVICE	3-702-766-01	For A to J board extension For D to D1 board extension



## SECTION 4 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in the following order:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. White Balance

Note: Test Equipment Required.

- 1. Color-bar/Pattern Generator
- 2. Degausser
- 3. Oscilloscope

#### **Preparation:**

- In order to reduce the influence of geomagnetism on the set's picture tube, face it east or west.
- Switch on the set's power and degauss with the degausser.

#### 4-1. BEAM LANDING

1. Input a white signal with the pattern generator.

 $\left. \begin{array}{c} \text{Contrast} \\ \text{Brightness} \end{array} \right\}$  normal

- 2. Position neck assy as shown in Fig4-1.
- 3. Set the pattern generator raster signal to a green raster.
- 4. Move the deflection yoke to the rear and adjust with the purity control so that the green is at the center and the blue and the red take up equally sized areas on each side.

(See Figures 4-1 through 4-3.)

- 5. Move the deflection yoke forward and adjust so that the entire screen is green. (See Figure 4-2.)
- 6. Switch the raster signal to blue, then to green and verify the condition.
- 7. When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws and DY spacers.
- 8. If the beam does not land correctly in all the corners, use a magnet to adjust it.

(See Figure 4-4.)

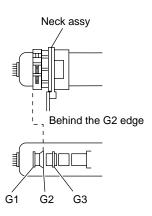


Fig. 4-1

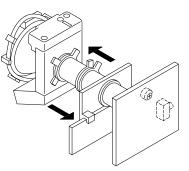


Fig. 4-2

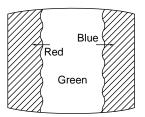


Fig. 4-3

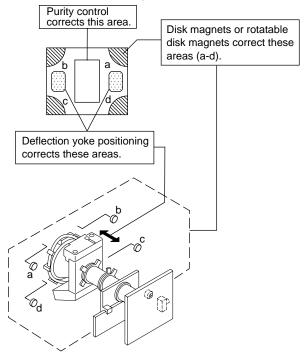


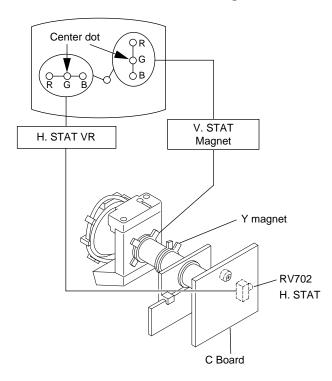
Fig. 4-4

#### 4-2. CONVERGENCE ADJUSTMENT

#### **Preparation:**

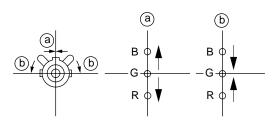
- Before starting this adjustment, adjust the focus, horizontal size and vertical size.
- Set the PICTURE 70% and BRIGHTNESS 0%.
- Cross hatch / Dot pattern.

#### (1) Horizontal and Vertical Static Convergence

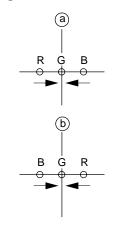


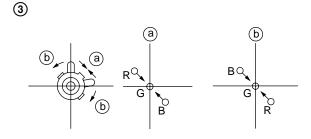
- (Moving horizontally), adjust the H.STAT control so that the red, green and blue dots are on top of each other at the center of the screen.
- (Moving vertically), adjust the V.STAT magnet so that the red, green and blue dots are on top of each other at the center of the screen
- 3. Adjust Horizontal Trapezoid with "DAC 04 HTR" in Service Mode to make H-Trapezoid distortion best.
- 4. If the H.STAT variable resistor cannot bring the red, green and blue dots together at the center of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V.STAT magnet in the manner given below.
  (In this case, the H.STAT variable resistor and the V.STAT magnet influence each other, so be sure to perform adjustments while tracking.)

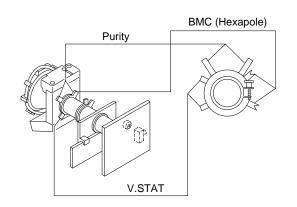
① V. STAT



② H. STAT VR

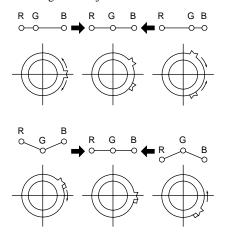




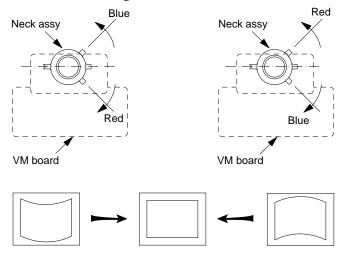


#### 4 BMC (Hexapole) Magnet.

If the red, green and blue dots are not balanced or aligned, then use the BMC magnet to adjust in the manner described below.



- **(5)** Y separation axis correction magnet adjustment.
- 1. Receive the cross-hatch signal and adjust [PICTURE] to [MIN] and [BRIGHTNESS] to [STANDARD] .
- 2. Adjust the Y separation axis correction magnet on the neck assembly so that the horizontal lines at the top and bottom of the screen are straight.



#### Note

- The Red and Blue magnets should be equally far from the horizontal center line.
- Do not separate the Red and Blue magnets too far. (Less than 8 mm)

#### (2) Dynamic Convergence Adjustment

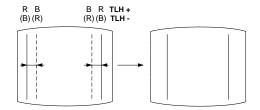
#### Preparation:

- Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence
- Set the PICTURE and BRIGHTNESS to normal.

#### 1. Adjust TLH. (TLH correction piece)

- ① Receive the dot/hatch pattern signal and adjust picture quality by the menu.
- ② Correct horizontal mis-convergence of red and blue of both sides on the X axis.

When red is outside insert BMC magnet to right side (THL+) views from DY neck. And when blue is outside, insert it to left side (THL-) and take both sides.



#### 2. Adjust XCV core.

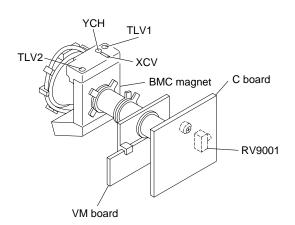
To able to become balance of XCV on the X axis well.

#### 3. Adjust V-TILT.

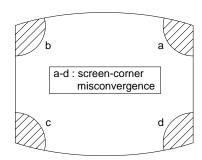
Correct the vertical mis-convergence of red and blue of vertically sides on the Y axis.

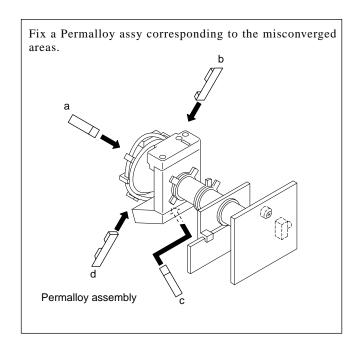
#### 4. Adjust YCH.

Adjust horizontal mis-convergence of red and blue of vertically sides on the Y axis. Mentioned above steps 2 to 4 are adjusting respectively perform minuteness tracking.



#### (3) Screen-corner Convergence



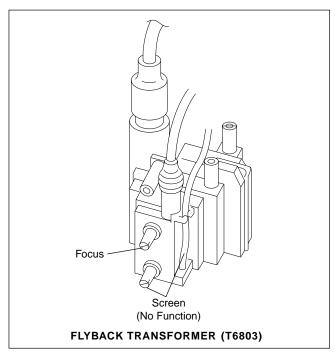


#### 4-3. FOCUS ADJUSTMENT

#### Note

Focus adjustment should be completed before W/B adjustment.

- (1) Receive digital monoscope pattern.
- (2) Set "A/V CONTROL" to "STANDARD".
- (3) Adjust FOCUS VR so that the center of the screen becomes justfocus.
- (4) Change the receiving signal to white pattern and blue back.
- (5) Confirm MAGENTA RING should not be over the limit. In case MAGENTA RING is over the limit sample, adjust FO-CUS VR to take tracking of MAGENTA RING and FOCUS.



#### 4-4. NECK ASSYTWIST ADJUSTMENT

- (1) Receive dot/hatch pattern.
- (2) Turn FOCUS VR fully counter-clockwise.
- (3) Confirm the dot shape at the screen center. (Fig. 4-4)
- (4) Resume FOCUS VR.

#### Note

In case of turning NECK ASSY, loosen the screw 3 turns. Do not move the position.

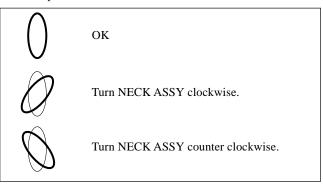
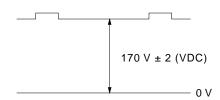


Fig. 4-4

## 4-5. G2 (SCREEN) AND WHITE BALANCE ADJUSTMENTS

#### 1. G2 (SCREEN) ADJUSTMENT

- 1) Set the PICTURE and BRIGHTNESS to normal.
- 2) Put to VIDEO input mode without signals.
- 3) Connect R, G and B of the C board cathode to the oscilloscope.
- 4) Adjust BRIGHTNESS to obtain the cathode voltage to the value below.
- 5) Whilst watching the picture, adjust the screen VR (RV9002) located on the C board to the point just before the flyback return lines disappear (to the point before cut-off).



#### 2. WHITE BALANCE ADJUSTMENT

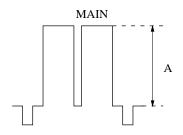
- Set to Service Mode (Refer Section 5-1: ADJUSTMENTS WITH COMMANDER).
- 2) Input white raster signal.
- Set the following condition.
   PICTURE minimum, BRIGHTNESS 50%
- 4) Select GCT (WHB 7) and BCT (WHB 8) with 1 and 4, and adjust the level with 3 and 6 for the best white balance.
- 5) Set the PICTURE to maximum.
- 6) Select GDR (WHB 4) and BDR (WHB 5) with 1 and 4, and adjust the level with 3 and 6 for the best white balance.
- 7) Write into the memory by pressing MUTING then 0.

#### 3. SUB PICTURE BRIGHTNESS ADJUSTMENT

- 1) Tune RF PAL white signal at program No. 1 and No. 2.
- 2) Select "TWIN PICTURE" mode.
- 3) Receive different RF PAL white signals in MAIN and Sub picture.
- 4) Adjust RV3300 on A PWB, so that the output from the 17 pin and 20 pin of the CN1180 becomes within the spec.

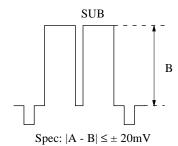
#### CVBS 1

17 pin



#### CVBS 2

20 pin

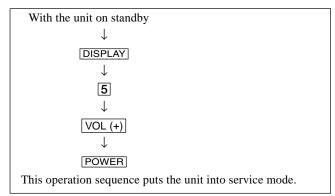


# SECTION 5 CIRCUIT ADJUSTMENTS

#### 5-1. ADJUSTMENTS WITH COMMANDER

Service adjustments are made with the RM-916 that comes with this unit.

#### a. ENTERING SERVICE MODE



## b. METHOD OF CANCELLATION FROM SERVICE MODE

Set the standby condition (Press POWER) button on the commander), then press POWER button again, hereupon it becomes TV mode.

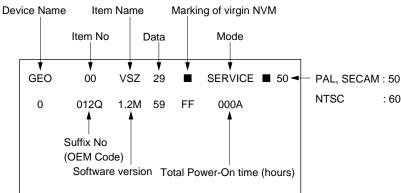
#### c. METHOD OF WRITE INTO MEMORY

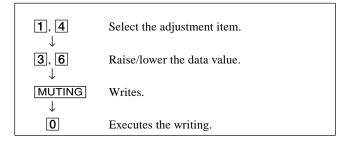
- 1) Set to Service Mode.
- 2) Press 1 (UP) and 4 (DOWN), select an item of adjustment.
- 3) Press MUTING button and it will indicate WRITE on the screen.
- 4) Press ① button to write into memory.

#### d. MEMORY WRITE CONFIRMATION METHOD

- 1) After adjustment, pull out the plug from AC outlet, and then plug into AC outlet again.
- 2) Turn the power switch ON and set to Service Mode.
- 3) Call the adjusted items again to confirm adjustments were made.

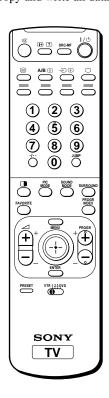
The screen display is:





[7], [0] All the data becomes the values in memory.
[8], [0] All user control goes to the standard state.
[5], [0] Service data initialization (Be sure not to use usually.)
[DISPLAY], [0] Write 50Hz adjustment data to 60Hz, or vice

[2], [0] Copy and write all data.



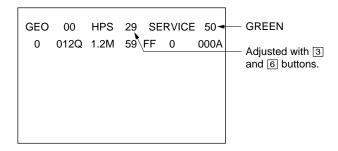
RM-916

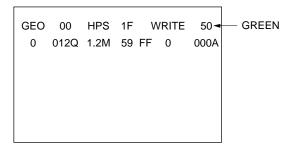
#### 5-2. ADJUSTMENT METHOD

Item Number 00 of device GEO

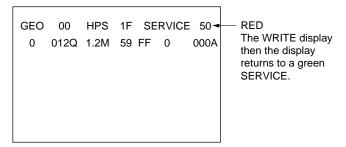
This explanation uses H-Position as an example.

- 1. Select "GEO 00 VSZ" with the **1** and **4** buttons.
- 2. Raise/lower the data with the **3** and **6** buttons.
- 3. Select the optimum state. (The standard is 1F for PAL reception.)
- 4. Write with the MUTING button. (The display changes to WRITE.)
- 5. Execute the writing with the ① button. (The WRITE display will be changed to red color while excuting, and back to SERVICE.)





Written with MUTING



Write executed with 0

Use the same method for all Items. Use  $\boxed{1}$  and  $\boxed{4}$  to select the adjustment item, use  $\boxed{3}$  and  $\boxed{6}$  to adjust, write with  $\boxed{\text{MUTING}}$ , then execute the write with  $\boxed{0}$ .

**Note**: 1. In WRITE, the data for all items are written into memory together.

- 2. For adjustment items that have different standard data between 50Hz or 60Hz, be sure to use the respective input signal after adjustment.
- Additional function to skip category (device) to category (device).

The buttons for the function above should be cursor +/-.

Category	Functi	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
GEO	00	VSZ	21	3F	V SIZE	FF/R4/PR*50/60*VC/NC, TW/IX	11 (7-2)	CXA2100AQ (86H)	369 (7-2)
	01	VPS	27		V POSITION	FF/R4/PR*50/60*VC/NC, TW/IX		,	354 (7-2)
	02	VLN	5		V LINEARITY	FF/R4/PR*50/60*VC/NC	13 (7-4)		95 (3-0)
	03	sco	0A		S CORRECTION	FF/R4/PR*50/60*VC/NC	13 (3-0)		95 (7-4)
	04	HSZ	1E		H SIZE	FF/R4/PR*50/60*VC/NC, TW/IX	14 (7-2)		36A (7-2)
	05	HPS	2F	3F	H POSITION FF/R4/PR*50/60*VC/NC, TW/IX				355 (7-2)
	06	PAP	28		PIN AMP	FF/R4/PR*50/60*VC/NC	19 (7-2) 15 (7-2)		98 (7-2) <sup>°</sup>
	07	UPN	25	3F	UPPER CORNER PIN	FF/R4/PR*50/60*VC/NC	16 (7-2)		99 (7-2)
	08	LPN	23		LOWER CORNER PIN	FF/R4/PR*50/60*VC/NC	17 (7-2)		9D (7-2)
	09	TRZ	0C		TRAPEZIUM	FF/R4/PR*50/60*VC/NC, TW/IX			36B (7-4)
	0A	AGL	0A		AFC ANGLE	FF/R4/PR*50/60*VC/NC	1A (3-0)		9B (3-0)
	0B	BOW	6		AFC BOW	FF/R4/PR*50/60*VC/NC	1A (7-4)		9B (7-4)
	0C	LBL	12		LEFT H BLANKING	FF/R4/PR*50/60*VC/NC, TW/IX	1B (7-2)		9C (7-4)
	0D	RBL	2C		RIGHT H BLANKING	FF/R4/PR*50/60*VC/NC, TW/IX	1C (7-2)		9C (3-0)
	0E	MPN	0		MIDDLE PIN DISTORTION COMPENSATION	50/60*VC/NC	16 (1-0)		- ()
	0F	UVL	0		UPPER V LINEARITY	50/60Hz	1F (7-4)		
	10	LVL	0		LOWER V LINEARITY	50/60Hz	1F (3-0)		
	11	HCP	0		HORIZONTAL HIGH VOLTAGE COMPENSATION		15 (1-0)		
	12	VCP	1		VERTICAL HIGH VOLTAGE COMPENSATION	50/60*VC/NC	12 (1-0)		
	13	VAS	2F		V ASPECT	50/60*VC/NC	1D (7-2)		
	14	VSC	1F		V SCROLL	50/60Hz	1E (7-2)		
	15	USC	0	1	UNDER-SCAN MODE ON/OFF	50/60*VC/NC	1D (0)		
	16	VBW	0		V BLANKING WIDTH CONTROL	FF/R4/PR*50/60*VC/NC	19 (1-0)		6D (1)
	17	AT1	2		AKB REFERENCE TIMING	FF/R4/PR*50/60*VC/NC	1E (1-0)		- ( )
DAC	00	HCT	33	FF	H CENTER	50/60Hz	CH 10 (7-0)	MB88141 (96H)	
	01	HLN	27	3F	H LINEARITY	FF/R4/PR*50/60*VC/NC	CH 4 (7-2)	, ,	
	02	MDP	26	3F	MIDDLE PIN	FF/R4/PR*50/60*VC/NC	CH 1 (7-2)		
	03	CCP	37	3F	LOWER CORNER PIN	FF/R4/PR*50/60*VC/NC	CH 9 (7-2)		
	04	HTR	26	3F	HORIZONTAL TRAPEZIUM	FF/R4/PR*50/60*VC/NC	CH 6 (7-2)		
	05	DF	01	1	DF ON/OFF SWITCH	FF/R4/PR*50/60*VC/NC	CH 2 (7-0)		
	06	DPH	1F		DF PHASE	FF/R4/PR*50/60*VC/NC	CH 3 (7-2)		
	07	QPH	19		QP PHASE	FF/R4/PR*50/60*VC/NC	CH 7 (7-2)		
	08	QAC	23	3F	QP AMPLITUDE	FF/R4/PR*50/60*VC/NC	CH 8 (7-2)		
	09	QDC	20		QP DC LEVEL	FF/R4/PR*50/60*VC/NC	CH 12 (7-2)		
	0A	QDV	1F		QP V MODULATION	FF/R4/PR*50/60*VC/NC	CH 5 (7-2)		
	0B	QAV	1A		QP AMPLITUDE MODULATION	FF/R4/PR*50/60*VC/NC	CH 11 (7-2)		
	_0C_	ABC	0		ABL D/A CONTROL	ECO ON/OFF*VC/NC	L	L	
WHB	00	СВО	7	0F	DC OFFSET CANCELLER FOR CB1		0F (7-4))	CXA2100AQ(86H)	106

Category	Function	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
WHB	01	CRO	7	0F	DC OFFSET CANCELLER FOR CR1		0F (3-0)	CXA2100AQ(86H)	
	02	SBR	18	3F	SUB BRIGHTNESS CONTROL		09 (7-2)		107
	03	RDR	29	3F	R DRIVE		06 (7-2)		A1 (7-2)
	04	GDR	25	3F	G DRIVE		07 (7-2)		A2 (7-2)
	05	BDR	26		B DRIVE		08 (7-2)		A3 (7-2)
	06	RCT	29		R CUTOFF		0A (7-2)		A5 (3-0)
	07	GCT	12		G CUTOFF		0B (7-2)		A6 (7-4)
	80	BCT	31		B CUTOFF		0C (7-2)		A6 (3-0)
	09	SBO	29	3F	SUB BRIGHTNESS OFFSET	PICTURE MODE EXCEPT DYNAMIC	09 (7-2)		A3 (7-2)
	0A	RDO	1F		R DRIVE OFFSET	PICTURE MODE EXCEPT DYNAMIC	06 (7-2)		A5 (3-0)
	0B	GDO	1A		G DRIVE OFFSET	PICTURE MODE EXCEPT DYNAMIC	07 (7-2)		A6 (7-4)
	0C	BDO	1A		B DRIVE OFFSET	PICTURE MODE EXCEPT DYNAMIC	08 (7-2)		A6 (3-0)
	0D	RCO	1F		R CUTOFF OFFSET	PICTURE MODE EXCEPT DYNAMIC	0A (7-2)		106
	0E	GCO	1E	3F	G CUTOFF OFFSET	PICTURE MODE EXCEPT DYNAMIC	0B (7-2)		
	0F	BCO	15	_3F	B CUTOFF OFFSET	PICTURE MODE EXCEPT DYNAMIC	0C (7-2)		107
SAJ	00	PIC	3F	3F	PICTURE CONTROL	PICTURE MODE EXCEPT PERSONAL	01 (7-2)	CXA2100AQ(86H)	105
	01	BRT	1F		BRIGHTNESS CONTROL	PICTURE MODE EXCEPT PERSONAL	04 (7-2)		
	02	COL	27	3F	COLOR CONTROL	PICTURE MODE EXCEPT PERSONAL	03 (7-2)		
	03	HUE	1F	3F	HUE CONTROL	PICTURE MODE EXCEPT PERSONAL	02 (7-2)		
	04	SHP	24	3F	SHARPNESS CONTROL	PICTURE MODE EXCEPT PERSONAL	05 (7-2)		
	05	VML	3	3	VM LEVEL	PICTURE MODE	09 (1-0)		105
	06	DYC	1	1	DYNAMIC COLOR ON/OFF	PICTURE MODE	00 (3)		108
	07	CTM	0	1	COLOR TEMPERATURE FOR DYNAMIC COLOR	PICTURE MODE	00 (0)		109
	80	CAX	2	3	COLOR MATRIX SPECIFICATION	50/60Hz	00 (2-1)		10A
	09	GMA	3	3	GAMMA CORRECTION	PICTURE MODE	04 (1-0)		
	0A	DCT	1		DC TRANSMISSION CONTROL	PICTURE MODE	0C (1-0)		
	0B	DPL	1		AUTO PEDESTAL LEVEL CONTROL	PICTURE MODE	0B (1-0)		
	OC	ABM	0	3	ABL MODE CONTROL	PICTURE MODE	08 (1-0)		
	0D	ABT	0	3	ABL CURRENT DETECTION VTH CONTROL	ECO ON/OFF*VC/NC	07 (1-0)		
	0E	CLO	9		COLOR OFFSET	50/60*TV/VIDEO	03 (7-2)		
	0F	CLW	3	7	COLOR STEP WIDTH TO THE CHANGE OF S/N	50/C0*T\/\/\UD50	03 (7-2)		
	10	HUO	9	0F	HUE OFFSET	50/60*TV/VIDEO	02 (7-2)		
	11 12	SHO	7 1	1F	SHARPNESS OFFSET	50/60*TV/VIDEO/DVD	05 (7-2)		
	12	SHW	5	7 7	SHARPNESS STEP WIDTH TO THE CHANGE OF S/N PICTURE OFFSET FOR TWIN/INDEX	TWIN/INDEX	05 (7-2) 01 (7-2)		
	13 14	BRO	7	0F	BRIGHTNESS OFFSET	ECO ON/OFF*VC/NC	· ,		
			<del> </del>				_ 04 (7-2)		
JGL	00	PON	1	1	RGB AND AKB REFERENCE PULSE OUTPUT ON/OFF		00 (7)	CXA2100AQ(86H)	
	01	RGB	7	7	RGB OUTPUT SELECTION		00 (6-4)		

Category	Functi	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
JGL	02	AGG	0	3	AGING MODE SELECTION		0E (1-0)	CXA2100AQ(86H)	
	03	DPS	0	1	Y/C DELAY LINE PASS MODE SWITCH		0E (3)	,	
	04	BBT	3	3	RGB BOTTOM LIMITTER CONTROL		06 (1-0)		
	05	LML	0	3	RGB AMPLITUDE LIMITTER CONTROL		01 (1-0)		
	06	PAB	0F	0F	DC LEVEL FOR PEAK ABL		0E (7-4)		
	07	SCO	0C	0F	SUB PICTURE CONTROL		0D (7-4)		
	08	LV2	7	0F	RGB LEVEL FOR RGB2		0D (3-0)		
	09	SF0	1	1	SHARPNESS CIRCUIT F0	50/60*TV/VIDEO/DVD	0E (2)		
	0A	PRO	0	3	PRE/OVER-SHOOT RATIO CONTROL	50/60*TV/VIDEO/DVD	0A (1-0)		
	0B	LTI	2	3	LUMINANCE TRANSIENT IMPROVEMENT	PICTURE MODE	05 (1-0)		
	0C	CTI	1	3	CHROMINANCE TRANSIENT IMPROVEMENT	PICTURE MODE	03 (1-0)		
YCT	00	TNT	1F	3F	TINT ADJUSTMENT FOR NTSC	TV/VIDEO	00 (5-0)	CXA2123Q(88H)	
	01	PNG	0	1	PAL/NTSC GATE WIDTH		00 (6)		
	02	PNI	0	1	PAL/NTSC SENSITIVITY SW		00 (7)		
	03	SCL	7	0F	SUB COLOR CONTROL	50/60*TV/VIDEO	01 (3-0)		
	04	SCT	8	0F	SUB CONTRAST CONTROL	50/60*TV/VIDEO	01 (7-4)		
	05	SF0	2	3	SHARPNESS CENTER FREQUENCY CHANGING		02 (1-0)		
	06	SEQ	3	3	SHARPNESS EQUALIZER CHARACTERISTIC		02 (3-2)		
	07	SHG	5	0F	SHARPNESS GAIN CONTROL	50/60*TV/VIDEO/DVD	02 (7-4)		
	08	YOL	1F	3F	Y-OUTPUT LEVEL CONTROL		03 (5-0)		
	09	BSP	0	3	BLACK STRETCH START POINT CHANGING		03 (7-6)		
	0A	COL	1F	3F	CB/CR OUTPUT LEVEL CONTROL		04 (5-0)		
	0B	DCR	0	3	DC RESTORATION RATIO ADJUSTMENT		04 (7-6)		
	0C	BF0	1	3	BPF/TQF F0 ADJUSTMENT		05 (1-0)		
	0D	BFQ	2	3	BPF/TQF Q ADJUSTMENT		05 (3-2)		
	0E	FSW	1	1	BPF/TQF SWITCH		05 (4)		
	0F	SDT	1	1	SECAM DOUBLE TRAP SWITCH		05 (6)		
	10	LPF	1	1	Y/CB/CR LPF SWITCH		05 (7)		
	11	YDL	6	0F	Y-DL TIME ADJUSTMENT	2DCOMB/3DCOMB/S-INPUT/OTHERS	06 (6-3)		
	12	CMT	0	1	CB/CR OUTPUT MUTE SWITCH		07 (7)		
	13	BO1	7	0F	CB OFFSET1 ADJUSTMENT (MAIN ROUTE)		08 (7-4)		
	14	RO1	7	0F	CR OFFSET1 ADJUSTMENT		08 (3-0)		
	15	CDF	0	7	V COUNT DOWN FREQUENCY SWITCH	FORCED 50HZ FOR NO SIGNAL	0A (2-0)		
	16	CDM	0	3	V COUNT DOWN JUDGE SWITCH		0A (4-3)		
	17	AFC	0	3	AFC SENSITIVITY SWITCH	(TV/VIDEO/DVD)	0A (6-5)		
	18	MVM	0	1	MACROVISION MASK + AFC MASK		0A (7)		
	19	SRY	7	0F	SECAM R-Y BLACK ADJUSTMENT		0B (3-0)		
	1A	SBY	1	0F	SECAM B-Y BLACK ADJUSTMENT		0B (7-4)		
	1B	BEL	2	3	SECAM BELL/HPF SWITCHING		0C (1-0)		
	1C	BLF	0	1	BELL F0 ADJUSTMENT		0C (2)		
	1D	SVI	0	1	SECAM V-ID SWITCH		0C (3)		
	1E	SGP	0	3	SECAM GATE POSITION ADJUSTMENT		0C (5-4)		

Category	Functi	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
YCT	1F	SID	1	1	SECAM SENSITIVITY SWITCH	EXCEPT SECAM	0C (6)	CXA2123Q(88H)	
	20	SIH	0	1	SECAM INHIBITION SWITCH		0C (7)	,	
.	21	STP	0	1	Y BLACK LEVEL SETUP FOR PAL PLUS		0D (1)		
	22	HVC	2	3	H-VCO TEMPERATURE CHARACTER CANCELLING		0D (7-6)		
.	23	3NR	1	1	3D NR OPERATION ON/OFF		(,		
	24	BW6	1	1	3D NR FOR 60Hz NON-BUST SIGNAL ON/OFF				
	25	WSH	Ô	3	SHARPNESS GAIN STEP FOR NOISE REDUCTION		02 (7-4)		
	26	wco	Ō	3	CB/CR OUTPUT LEVEL STEP FOR NOISE REDUCTION		04 (5-0)		
SYC	00	TNT	1F	3F	TINT ADJUSTMENT FOR NTSC		00 (5-0)	CXA2123Q(8AH)	T — — — — —
	01	PNG	0	1	PAL/NTSC GATE WIDTH		00 (6)		
	02	PNI	0	1	PAL/NTSC SENSITIVITY SW		00 (7)		
	03	SCL	7	0F	SUB COLOR CONTROL	50/60*TV/VIDEO/DVD	01 (3-0)		
	04	SCT	7	0F	SUB CONTRAST CONTROL	50/60*TV/VIDEO/DVD	01 (7-4)		
.	05	SF0	2	3	SHARPNESS CENTER FREQUENCY CHANGING		02 (1-0)		
	06	SEQ	3	3	SHARPNESS EQUALIZER CHARACTERISTIC		02 (3-2)		
	07	SHG	7	0F	SHARPNESS GAIN CONTROL		02 (7-4)		
	80	YOL	1F	3F	Y-OUTPUT LEVEL CONTROL		03 (5-0)		
	09	BSP	0	3	BLACK STRETCH START POINT CHANGING		03 (7-6)		
	0A	COL	1F	3F	CB/CR OUTPUT LEVEL CONTROL		04 (5-0)		
	0B	DCR	0	3	DC RESTORATION RATIO ADJUSTMENT		04 (7-6)		
	0C	BF0	1	3	BPF/TQF F0 ADJUSTMENT		05 (1-0)		
.	0D	BFQ	2	3	BPF/TQF Q ADJUSTMENT		05 (3-2)		
	0E	FSW	1	1	BPF/TQF SWITCH		05 (4)		
	0F	SDT	1	1	SECAM DOUBLE TRAP SWITCH		05 (6)		
	10	LPF	1	1	Y/CB/CR LPF SWITCH		05 (7)		
	11	YDL	3	0F	Y-DL TIME ADJUSTMENT	PAL/NTSC/SECAM/S-INPUT	06 (6-3)		
.	12	NCM	1	1	1-H ADDITION SWITCH		06 (7)		
	13	CMT	0	1	CB/CR OUTPUT MUTE SWITCH		07 (7)		
	14	BO1	7	0F	CB OFFSET1 ADJUSTMENT (MAIN ROUTE)		08 (7-4)		
	15	RO1	7	0F	CR OFFSET1 ADJUSTMENT		08 (3-0)		
	16	CDF	0	7	V COUNT DOWN FREQUENCY SWITCH		0A (2-0)		
	17	CDM	0	3	V COUNT DOWN JUDGE SWITCH		0A (4-3)		
.	18	AFC	0	3	AFC SENSITIVITY SWITCH	(TV/VIDEO/DVD)	0A (6-5)		
	19	MVM	0	1	MACROVISION MASK + AFC MASK	,	0A (7)		
	1A	SRY	7	0F	SECAM R-Y BLACK ADJUSTMENT		0B (3-0)		
	1B	SBY	1	0F	SECAM B-Y BLACK ADJUSTMENT		0B (7-4)		
	1C	BEL	2	3	SECAM BELL/HPF SWITCHING		0C (1-0)		
	1D	BLF	0	1	BELL F0 ADJUSTMENT		0C (2)		
	1E	SVI	0	1	SECAM V-ID SWITCH		0C (3)		

Category	Functi	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
SYC	1F	SGP	0	3	SECAM GATE POSITION ADJUSTMENT		0C (5-4)	CXA2123Q(8AH)	
	20	SID	1	1	SECAM SENSITIVITY SWITCH	EXCEPT SECAM	0C (6)	, ,	
	21	SIH	0	1	SECAM INHIBITION SWITCH		0C (7)		
	22	STP	0	1	Y BLACK LEVEL SETUP FOR PAL PLUS		0D (1)		
	23	HVC	2	3	H-VCO TEMPERATURE CHARACTER CANCELLING		0D (7-6)	L	
AP	00	BAS	0A		BASS CONTROL	SOUND MODE EXCEPT PERSONAL	#4 (3-0)	TDA7315(80H)	358 (1-0)
	01	TRE	0A	0F	TREBLE CONTROL	SOUND MODE EXCEPT PERSONAL	#5 (3-0)		359 (1-0)
	02	LDN	_1_	1	LOUDNESS ON/OFF		#3 (2)		<u> </u>
MSP	00	WST	15	FF	W/G STEREO THRESHOLD			MSP3415D(84H)	165
	01	WBT	EA	FF	W/G BILINGUAL THRESHOLD				166
	02	WLL	5	FF	W/G MONAURAL THRESHOLD				167
	03	WAC	1		W/G AGREEMENT COUNT				168
	04	WDL	30		W/G SEARCH DELAY				169
	05	NDL	20		NICAM SEARCH DELAY				16A
	06	SDL	10		STEREO STATUS READ DELAY				16B
	07	AGC	1		AGC SWITCH AUTO/CONSTANT		00BB (7)		116 (7)
	80	REL	28		AGC GAIN AT CONSTANT MODE		00BB (6-1)		116 (6-1)
	09	CRM	0		CARRIER MUTING ON/OFF		00BB (9)		115 (1)
	0A	ACO	1		AUDIO CLOCK ON/OFF		0083 (5)		11A (5)
	0B	FP	1B		FM PRESCALE FOR NON-M SYSTEM		000E (7-0)		329
	0C	FPM	32		FM PRESCALE FOR M SYSTEM		000E (7-0)		32A
	0D	FH	2D		FM PRESCALE FOR HDEV		000E (7-0)		32B
	0E	FHM	65		FM PRESCALE FOR HDEV AND M		000E (7-0)		32C
	0F	WGP	2A		W/G PRESCALE		000E (7-0)		32D
	10	NIP	6D		NICAM PRESCALE		0010 (7-0)		32E
	11	ERR	50		AUTO FM SWITCH THRESHOLD		0021 (10-3)		14F
	12	VOL	6D	FF	LOUDSPEAKER GAIN 0700H TO 07FFH		0000 (11-4)		368
LTI	00	LDH	1		HISTOGRAM SEGMENT SELECTION		00 (2)	TDA9178(40H)	175 (2)
	01	CFS	1		CONTOUR FILTER SELECTION		00 (3)		175 (3)
	02	WLB	0		LETTERBOX WINDOW SWITCH		00 (5)		175 (5)
	03	VDC	1		VIDEO DEPENDENT CORING	PICTURE MODE	00 (6)		175 (6)
	04	DEM	0	1	DEMONSTRATION MODE		00 (7)		175 (7)
	05	CDP	4		LUMINANCE DELAY		01 (2-0)		176 (2-0)
	06	OSP	0		OVERRULE SMART PEAKING		01 (5)		176 (5)
	07	WPO	0		WHITE POINT STRETCH OFF	<b>5.05.15</b>	01 (4)		176 (4)
	08	DSK	0		SKIN TONE SWITCH	PICTURE MODE	02 (0)		177 (0)
		SKIN TONE ANGLE SELECTION		02 (1)		177 (1)			
	0A	WSK	0	1	SKIN TONE WIDTH SELECTION		02 (2)		177 (2)
	0B	SSK	0		SKIN TONE SIZE SELECTION		02 (3)		177 (3)
	OC	DGR	1	1 1	GREEN ENHANCEMENT SWICTH	PICTURE MODE & TWIN	02 (4)		A9 (4)
	0D	DGT	7	7	THRESHOLD OF GREEN ENHANCEMENT SWITCH				A9 (7-5)

Category	Functi	onality	1	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
LTI	0E	GGR	0	1	GREEN ENHANCEMENT GAIN		02 (5)	TDA9178(40H)	177 (5)
	0F	WGR	0	1	GREEN ENHANCEMENT WIDTH		02 (6)	, ,	177 (6)
	10	SGR	0	1	GREEN ENHANCEMENT SIZE		02 (7)		177 (7)
	11	DBL	0	1	BLUE STRETCH SWITCH		03 (0)		178 (0)
	12	GBL	0		BLUE STRETCH GAIN SELECTION		03 (1)		178 (1)
	13	SBL	0	1	BLUE STRETCH SIZE SELECTION		03 (2)		178 (2)
	14	CDS	1	1	COLOR DEPENDENT SHARPNESS	PICTURE MODE	03 (3)		A9 (3)
	15	CST	7	7	THRESHOLD OF COLOR DEPENDENT SHARPNESS				A9 (2-0)
	16	CTI	0	1	COLOR TRANSIENT IMPROVEMENT	PICTURE MODE	03 (4)		178 (4)
	17	BON	O	1	BLACK OFFSET COMPENSATION	PICTURE MODE	03 (5)		178 (5)
	18	BTD	0		ADAPTIVE BLACK STRETCH	PICTURE MODE	04 (5-0)		179 (5-0)
	19	NLD	15		NON-LINEARITY AMPLIFIER	PICTURE MODE & TWIN	05 (5-0)		AA (5-0)
	1A	NLW	7		STEP WIDTH OF NON-LINEARITY AMPLIFIER		05 (5-0)		AE (6-4)
	1B	VGD	15	3F	VARIABLE GAMMA	PICTURE MODE & TWIN	06 (5-0)		AB (5-0)
	1C	VGW	0	7	STEP WIDTH OF VARIABLE GAMMA		06 (5-0)		AE (2-0)
	1D	PKD	3F		PEAKING AMPLITUDE	PICTURE MODE	07 (5-0)		AC (5-0)
	1E	PKW	8	0F	STEP WIDTH OF PEAKING AMPLITUDE		07 (5-0)		AF (7-4)
	1F	SPD	0	3F	STEEPNESS CORRECTION	PICTURE MODE	08 (5-0)		17D (5-0)
	20	CRD	11		CORING LEVEL	PICTURE MODE	09 (5-0)		AD (5-0)
	21	CRW	9		STEP WIDTH OF CORING LEVEL		09 (5-0)		AF (3-0)
	22	CRO	Ō		CORING LEVEL OFFSET FOR VIDEO MODE		09 (5-0)		AF (3-0)
	23	LWD	1F	ı	LINE WIDTH CORRECTION		0A (5-0)		17F (5-0)
	24	SNM	0	ı	S/N MODE UNDER UNREALIBLE S/N CONDITION				B0 (2-0)
	25	SNC	3	0F	S/N RATIO AVERAGE COUNTER	TV/VIDEO			B1 (3-0)
	26	FMC	2	0F	FEATURE MODE MATCHING COUNTER	,			B2 (3-0)
	00	HPH		FF	HORIZONTAL ACTIVE DISPLAY AREA PHASE		<b>T</b>	MB94918(68H)	— — — <i>—</i>
IVIID	01	VPH		3F	VERTICAL ACTIVE DISPLAY AREA PHASE			1010(0011)	
	02	HSZ			HORIZONTAL ACTIVE DISPLAY AREA SIZE				
	03	VSZ		FF	VERTICAL ACTIVE DISPLAY AREA SIZE				
	04	HPW		l	DISPLAY H-SYNC PLUSE WIDTH				
	05	VPW		7	DISPLAY V-SYNC PLUSE WIDTH				
	06	YDL		l	DISPLAY OUTPUT Y/C DELAY CORRECTION				
	07	MHP		ı	MAIN PICTURE HORIZONTAL POSITION (SINGLE & PINP)				
	08	MVP			MAIN PICTURE VERTICAL POSITION (SINGLE & PINP)				
	09	MHS		ı	MAIN PICTURE HORIZONTAL SIZE (SINGLE & PINP)				
	09 0A	MVS			MAIN PICTURE VERTICAL SIZE (SINGLE & PINP)				
	0A 0B	PHP			PINP SUB PICTURE HORIZONTAL POSITION				
	OC	PVP			PINP SUB PICTURE VERTICAL POSITION				
	0D	PHS			PINP SUB PICTURE HORIZONTAL SIZE				
	0E	PVS		FF	PINP SUB PICTURE VERTICAL SIZE				
	0E 0F	PHO		l	PINP SUB PICTURE HORIZONTAL POSITION OFFSET				
	UF	PVO	I	66	I IIVI JUD FIUTUNE HUNIZUNTAL FUSHTUN UFFSET		1		1

Category	Functi	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Addres
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
MID	11	TMP		FF	TWIN MAIN PICTURE HORIZONTAL POSITION			MB94918(68H)	
	12	TSP			TWIN SUB PICTURE HORIZONTAL POSITION			,	
	13	TVP		FF	TWIN MAIN & SUB PICTURE VERTICAL POSITON				
	14	THS			TWIN MAIN & SUB PICTURE HORIZONTAL SIZE				
	15	TVS			TWIN MAIN & SUB PICTURE VERTICAL SIZE				
	16	THO			TWIN MAIN & SUB PICTURE HORIZONTAL POSITION OFFSET				
	17	TVO		FF	TWIN MAIN & SUB PICTURE VERTICAL POSITION OFFSET				
	18	XHS			INDEX SUB PICTURE HORIZONTAL SIZE				
	19	XVS		FF	INDEX SUB PICTURE VERTICAL SIZE				
	1A	XHG		FF	INDEX HORIZONTAL GAP WIDTH BETWEEN PICTURES				
	1B	XVG		FF	INDEX VERTICAL GAP WIDTH BETWEEN PICTURES				
	1C	XHP		FF	INDEX 1ST SUB PICTURES HORIZONTAL POSITION				
	1D	XVP		FF	INDEX 1ST SUB PICTURES VERTICAL POSITION				
	1E	DHP			DRC HORIZONTAL ACTIVE AREA POSITION				
	1F	DHS			DRC HORIZONTAL ACTIVE PIXEL SIZE				
	20	DVP		3F	DRC VERTICAL ACTIVE AREA LINE POSITION				
	21	DVS		FF	DRC VERTICAL ACTIVE AREA LINE SIZE				
	22	VHP		FF	VDO HORIZONTAL ACTIVE AREA POSITION				
	23	VHS		FF	VDO HORIZONTAL ACTIVE AREA PIXEL SIZE				
	24	VEP		3F	VDO VERTICAL ACTIVE AREA EVEN POSITION				
	25	VVS		FF	VDO VERTICAL ACTIVE AREA LINE SIZE				
	26	VOP		3	VDO VERTICAL ACTIVE AREA ODD POSITION				
	27	CLT		FF	VDO CLAMP PULSE OUTPUT TIMING				
	28	CLW		7	VDO CLAMP PULSE WIDTH				
	29	VYD		3F	VDO ANALOG INPUT Y/C DELAY CORRECTION				
	2A	VCR		1	VDO CROMA SIGNAL ORDER				
	2B	VDI		3	VDO DIGITAL ANALOG INPUT SELECTION				
3CM	00	FRZ	0	1	EXTERNAL MEMORY TEST BIT		02 (4)	UPD64082(B8H)	T — — — —
	01	NRM	0	3	NOISE REDUCTION OPERATION MODE		00 (7-6)	0. 20.002(20)	
	02	YCO	0E	0F	Y/C SIGNAL OUTPUT SELECTION		00 (3-0)		
	03	SYC	1	3	SYSTEM CLOCK SELECTION		01 (7-6)		
	04	STD	0		STANDARD/NON-STANDARD OPERATION SELECTION		01 (5-4)		
	05	MSS	Ö	3	INTER-FRAME/INTER-LINE OPERATION SELECTION		01 (3-2)		
	06	KIL	3	3	KILLER/NON-KILLER OPERATION SELECTION		01 (1-0)		
	07	EAD	0	1	EXTERNAL Y-ADC SWITCH		02 (5)		
	08	ECS	1	3	EXTERNAL C-SYNC INPUT SELECTION		02 (1-0)		
	09	CPP	2	3	ADC INPUT LEVEL & CLUMP PULSE WIDTH SELECTION		03 (7-6)		
	0A	PWR	0		ADC INPUT WIDTH SWITCH		09 (7)		
	0B	HDP	5		HORIZONTAL PHASE ADJUSTMENT		03 (5-3)		
	0C	CDL	4	7	C-SIGNAL DELAY ADJUSTMENT		03 (2-0)		
	0D	DYC	2	0F	DY DETECTION CORING LEVEL ADJUSTMENT	NR MODE (0-3)	04 (7-4)		
	0E	DYG	0A	_	DY DETECTION GAIN ADJUSTMENT	NR MODE (0-3)	04 (3-0)		

Category	Functi	onality	Initial	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
3CM	0F	DCC	5	0F	DC DETECTION CORING LEVEL ADJUSTMENT	NR MODE (0-3)	05 (7-4)	UPD64082(B8H)	
	10	DCG	5	0F	DC DETECTION GAIN ADJUSTMENT	NR MODE (0-3)	05 (3-0)	,	
	11	YNR	1	0F	YNR NON-LINEAR FILTER SETUP	,	06 (7-4)		
	12	CNR	1	0F	CNR NON-LINEAR FILTER SETUP		06 (3-0)		
	13	WSC	1	3	NOISE DETECTION CORING ADJUSTMENT		08 (7-6)		
	14	VTH	1	3	HYSTERESIS SELECTION FOR H-SYNC NON-STANDARD	TV/VIDEO	08 (5-4)		
	15	VTR	1	3	SENSITIVITY SELECTION FOR H-SYNC NON-STANDARD	TV/VIDEO	08 (3-2)		
	16	LDR	2	3	SENSITIVITY SELECTION FOR FRAME-SYNC NON-STANDARD	TV/VIDEO	08 (1-0)		
	17	VAP	3	7	GAIN ADJUSTMENT FOR VERTICAL SHAPE CORRECTION	PICTURE MODE	0A (7-5)		
	18	VAI	0C	1F	VANISHING ADJUSTMENT FOR VERTICAL SHAPE CORRECTION	PICTURE MODE	0A (4-0)		
	19	TST	0	1	TEST BIT		0B (6)		
	1A	YPF	3	3	CENTER FREQUENCY SELECTION FOR Y-PEAKING BPF	PICTURE MODE	0B (5-4)		
	1B	YPG	8	0F	GAIN ADJUSTMENT FOR Y-PEAKING BPF	PICTURE MODE	0B (3-0)		
	1C	VSE	0A	0F	LINE COMB FILTER SETUP		0C (7-4)		
	1D	CCN	0	1	C-SIGNAL SPLIT FILTER SWITCH		0C (3)		
	1E	cos	0	1	C-SIGNAL DELAY SWITCH AT NOISE REDUCTION		0C (2)		
	1F	SDC	0	1	DC DETECTION SENSITIVITY SWITCH		0C (0)		
	20	SDY	1	1	DY DETECTION LOWER-LEVEL SENSITIVITY SWITCH		0D (5)		
	21	D2G	4	7	D2 GAIN SELECTION		0D (2-0)		
	22	YHC	0	3	Y-SIGNAL HIGHER-LEVEL CORING SELECTION	PICTURE MODE	10 (7-6)		
	23	YHG	0	1	Y-SIGNAL HIGHER-LEVEL GAIN SWITCH	PICTURE MODE	10 (5)		
	24	SHT	0	0F	NON-STANDARD DETECTION & H/V COUNTER TEST BITS		11 (7-4)		
	25	CLK	8	0F	CLOCK TEST BITS		11 (3-0)		
	26	PLL	0D	0F	PLL FILTER SETUP		12 (7-4)		
	27	KRF	3	0F	KILLER DETECTION REFERENCE ADJUSTMENT		12 (3-0)		
	28	HSL	0C	0F	H-SYNC SLICE LEVEL ADJUSTMENT		13 (7-4)		
	29	VSL	8	0F	V-SYNC SLICE LEVEL ADJUSTMENT		13 (3-0)		
	2A	BPS	4	0F	INTERNAL BURST GATE START POSITION ADJUSTMENT		14 (7-4)		
	2B	BPW	0A	0F	INTERNAL BURST GATE WIDTH ADJUSTMENT		14 (3-0)		
	2C	ADC	3	3	ADC CLOCK DELAY SELECTION		15 (7-6)		
	2D	APD	1	1	ADC POWER-DOWN SWITCH		15 (5)		
	2E	NSD	1	1	NON-STANDARD DETECTION TEST BIT		15 (4)		322
	2F	SPD	2	3	MEMORY POWER-DOWN SWITCH		16 (7)		323
	30	CNT	0	1	CNR TEST BIT		17 (7)		324
2CM	00	APA	1	1	2D COMB APACON ON/OFF	PICTURE MODE	#2 (2-1)	CXA2069Q(90H)	
DSP	00	DUL	0	3	DIR UNLOCK DETECTION MODE			TC9446F(3AH)	
	01	DIM	3	3	DIGITAL INPUT MODE			, ,	
	02	TFM	5A	7F	TRUSURROUND FRONT MINUS	VDD/VDP	2764/276D		
	03	TFP	12	7F	TRUSURROUND FRONT PLUS	VDD/VDP	2765/276E		
	04	TCE	40	7F	TRUSURROUND CENTER	VDD/VDP	2766/276F		
	05	TS1	20	FF	TRUSURROUND SURROUND #1	VDD/VDP	2767		
	06	TS2	20	7F	TRUSURROUND SURROUND #2	VDD/VDP	2770		

Category	Functi	onality	4	Range	Function	Table & Note	Register	Device & Slave	RAM Address
	No.	Name	Data				(Bit Range)	Address	(Bit Range)
DSP	07	TSP	68	7F	TRUSURROUND SURROUND PLUS	VDD/VDP	2768/2771	TC9446F(3AH)	
	08	TEM	68	7F	TRUSURROUND SURROUND MINUS	VDD/VDP	2769/2772	,	
	09	LFE	5A	7F	LOW FREQUENCY EFFECT		276A/2773		31E
	0A	BHL	40	7F	BBE EFFECT 1 FOR BBE HIGH	VDD/VDP/TRS/SIM/OFF	278F		321
	0B	ВНН	48	7F	BBE EFFECT 2 FOR BBE HIGH	VDD/VDP/TRS/SIM/OFF	2790		322
	0C	BLL	33	7F	BBE EFFECT 1 FOR BBE LOW	VDD/VDP/TRS/SIM/OFF	278F		323
	0D	BLH	33	7F	BBE EFFECT 2 FOR BBE LOW	VDD/VDP/TRS/SIM/OFF	2790		324
	0E	DLR	7	7	DELAY SELECTION AT DSP RESET				324
	0F	BBE	1	3	BBE SELECTION	SOUND MODE EXCEPT PERSONAL			324
DYC	00	SBH	1F	3F	H STATIC CONV1		0D (5-0)	CXA8070P(DEH)	
	01	YBU	1F	3F	H STATIC CONV2 UPPER	50/60Hz	0B (5-0)	, ,	
	02	YBL	1F	3F	H STATIC CONV2 LOWER	50/60Hz	0C (5-0)		
	03	RSA	1F	3F	H DYNAMIC CONV1 LEFT	50/60Hz	05 (5-0)		
	04	LSA	1F	3F	H DYNAMIC CONV1 RIGHT	50/60Hz	0A (5-0)		
	05	LUB	1F	3F	H DYNAMIC CONV2 TOP LEFT	50/60Hz	01 (5-0)		
	06	LLB	1F	3F	H DYNAMIC CONV2 BOTTOM LEFT	50/60Hz	02 (5-0)		
	07	RUB	1F	3F	H DYNAMIC CONV2 TOP RIGHT	50/60Hz	06 (5-0)		
	80	RLB	1F	3F	H DYNAMIC CONV2 BOTTOM RIGHT	50/60Hz	07 (5-0)		
TXT	00	TXH	4B	FF	TELETEXT HORIZONTAL POSITION		99 (7-0)	SAA5261(58H)	352 (1-0)
	01	_TXV_	0E	3F_	TELETEXT VERTICAL POSITION		9A (5-0)	L	352 (5-4)
OPM	00	OSH	12	3F	OSD H POSITION		1F1	CXP750096(60H)	18D (7-2)
	01	FW1	0	3F	OSD ODD/EVEN FIELD WINDOW SETUP #1		1F9	OPTION-MISC	, ,
	02	FW2	3	3F	OSD ODD/EVEN FIELD WINDOW SETUP #2		1F9		
	03	ОНО	9	0F	OSD H POSITION OFFSET FOR INDEX		1F1		
	04	ICO	1	3	INDEX "VIDEO" OSD HORIZONTAL OFFSET (12+1 INDEX)				
	05	ISO	2	3	INDEX SUB-SCREEN OSD HORIZONTAL OFFSET				
	06	IL1	1C	3F	INDEX SUB-SCREEN OSD 1ST LINE VERTICAL POSITION	50/60Hz	1F2		
	07	IVO	2F	3F	INDEX SUB-SCREEN OSD VERTICAL OFFSET	50/60Hz	1F2/1F3		
	08	COM	0	03	COMB OPERATION SELECTION				347 (7-6)
	09	APC	1	1	APC SWITCH				346 (5)
	0A	TSY	0	03	TV SYSTEM SELECTION UNDER SEARCHING WITH AUTO TV SYSTEM				346 (4-3)
	0B	MUT	0	1	NO SIGNAL MUTE				346 (0)
	0C	AFM	1	1	AUTO FM SWITCH				346 (1)
	0D	TVO	3	7	V-ANGLE CORRECTION TO PICTURE ROTATION				347 (2-0)
	0E	DBL	0	1	DISABLE BLUEBACK FUNCTION				346 (2)
	0F	SSO	1	3	SPEED CH SEARCH SELECTION				346 (5)
	10	TRP	0	3F	MPEG/JPEG NOISE REDUCTION FOR EACH INPUT				18E (5-0)
	00	SCH	1	7F	CH SELECTION FOR SHIPPING CONDITION	NTSC ONLY			
	10	SCA	_1_	1_1_	CABLE/AIR SELECTION FOR SHIPPING CONDITION	NTSC ONLY	<u></u>		18E (5-0)
OPB	00	OP1	E7	FF	OPTIONAL BITS 1 (SEE THE SPECIFIED SHEET)			OPTION-BITS	4A
	01	OP2	13	FF	OPTIONAL BITS 2 (SEE THE SPECIFIED SHEET)				4B

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#### NOTE

- shaded items are fixed data.
- Standard data listed on the Adjustment Item Table are reference values, therefore it may be different for each model and for each mode.
- Note for Different Data: Those are the standard data values written on the microprocessor. Therefore, the data values of the modes and stored respectively in the memory.

In case of a device replacement, adjustment by rewriting the data value is necessary for some items.

#### **OPTION NOTE**

**COM** Comb Operation Selection 00 = automatic operation (depends on color system status),

01 = no comb operation,

02 = forced 2D-comb operation, 03 = forced 3D-comb operation

**TSY** TV System Selection for Auto TV System 00 = B/G, 01 = I, 10 = D/K, 11 = M

SSO Speed CH Search Selection 00 = normal, 01 = 4 times, 10 = 6 times, 11 = 8 times

TRP MPEG/JPEG Noise Reduction

Input	_	_	TV	Video 1	Video 2	Video 3	Video 4	DVD
-------	---	---	----	---------	---------	---------	---------	-----

#### **OP1 Items**

Item	TOP	NICAM	HDEV	Reserved	_	DVD Input	AV Input	
KV-ES29M90	1	1	1	0	0	1	1	1

**AV Input** 00 = no AV Input, 01 = 1 AV Input, 10 = 3 AV Input, 11 = 4 AV Input

## OP2 Items

Item	C-Text	Korean Stereo	Korean Mode	A-TVsys	US ST	SSV Model	OSD	Language
KV-ES29M90	0	0	0	1	0	0	1	1

## 5-3. PICTURE QUALITY ADJUSTMENTS SUB COLOR ADJUSTMENT (SCL)

- 1. Set to service mode.
- 2. Input RF PAL colorbar signal. Set A/V control to PERSONAL.
- 3. Set to VP7 (Service mode) "DYC" = 0
- 4. Set the following condition.

Picture to 100%, Color to 0% and Bright to 0%.

- 5. Connect an oscilloscope to the pin 3 (BLUE) of CN705, C
- 6. Using the 1 and 4 buttons select SAJ 3 (Service mode) "SCL".
- 7. Using the 3 and 6 buttons on the Remote Commander to adjust to VB2 = VB3 = VB4 with  $\boxed{3}$  and  $\boxed{6}$ .
- 8. Write into the memory by pressing "MUTING" then "0".
- 9. Input NTSC colorbar signal to VIDEO1 and select VIDEO1
- 10. Adjust as step 4. and 8. by receving NTSC colorbar.
- 11. Reset to VP 7 (Service mode) "DYC" = 1.

#### -H-TRAPIZIUM ADJUSTMENT

- 1. Input a cross hatch/dot signal.
- 2. Adjust DAC 4 HTR to make H-Trapizoid distortion best.

#### SUB CONTRAST, SUB HUE, SUB COLOR

Adjustment condition

SAJ	00	PIC	3F
	00	DYC	0
	0E	CLO	7
	10	HUO	7
	13	PIO	0
JGL	04	BBT	0
	05	LML	3

PICTURE QUALITY: HI-FINE ECO MODE : OFF WIDE MODE : OFF DRC-MF : DRC1250

#### INPUT SIGNAL

Video Color Bar (White and Color 75%) RF Color Bar (White and Color 75%)

#### CAUTION

After the above Adjustments, these adjustment parameters must be recovered to the original condition.

> VR; R100 (the pin 6 of CN1100) VB; B100 (the pin 7 of CN1100)

#### 1. NTSC VIDEO INPUT

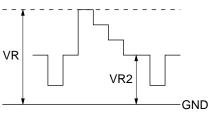
Input signal; NTSC color bar, 75% to Video 1. [TWIN] mode, [Service] mode.

#### (i) SUB CONTRAST

Condition: SAJ 00 PIC 3F 02 0 COL JGL 01 RGB 4 SAJ 13 PIO

#### Adjusting parameter:

LEFT YCT 08 YOL RIGHT ; SYC 08 YOL



 $VR1 - VR2 = VR = 1.88 \pm 0.07 (Vp-p)$ 

#### (ii) SUB HUE/SUB COL

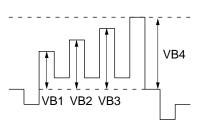
Condition: SAJ 02 COL 1F JGL 01 RGB 7

HUO 7 SAJ 10

#### Adjusting parameter:

COL LEFT YCT 0A 00 TNT YCT

COL RIGHT ; SYC 0ASYC 00 TNT



 $VB1 = VB4 \pm 50 \text{ mV}$  $VB2 = VB3 \pm 50 \text{ mV}$ 

#### KV-ES29M90 RM-916

### 2. NTSC RF INPUT

Input signal; NTSC RF color bar, 75%. [TWIN] mode, [Service] mode.

#### (i) SUB CONTRAST

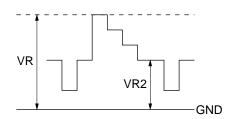
Condition: SAJ 00 PIC 3F

02 COL 0

JGL 01 RGB 4

Adjusting parameter:

LEFT ; YCT 04 SCT RIGHT ; SYC 04 SCT



 $VR1 - VR2 = VR = 1.88 \pm 0.07 (Vp-p)$ 

#### (ii) SUB HUE/SUB COL

Condition: SAJ 02 COL 1F

JGL 01 RGB 7

SAJ 10 HUO 7

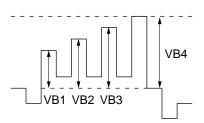
Adjusting parameter:

LEFT ; YCT 03 SCL

YCT 00 TNT

RIGHT ; SYC 03 SCL

SYC 00 TNT



 $VB1 = VB4 \pm 50 \ mV$ 

 $VB2 = VB3 \pm 50 \ mV$ 

#### 3. PAL VIDEO INPUT

Input signal; PAL color bar, 75% to Video 1. [TWIN] mode, [Service] mode.

#### (i) SUB CONTRAST

Condition: SAT 00 PIC 3F

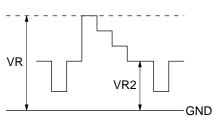
SAT 02 COL 0

JGL 01 RGB 4

Adjusting parameter:

LEFT ; YCT 04 SCT

RIGHT ; SYC 04 SCT



 $VR1 - VR2 = VR = 1.88 \pm 0.07 (Vp-p)$ 

#### (ii) SUB HUE/SUB COL

Condition: SAJ 02 COL 1F

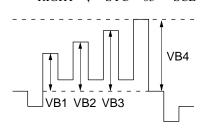
JGL 01 RGB 7

Adjusting parameter:

LEFT ; YCT 03 SCL

SAJ 10 HUO

RIGHT ; SYC 03 SCL



 $VB1 = VB4 \pm 50 \text{ mV}$ 

 $VB2 = VB3 \pm 50 \text{ mV}$ 

#### 3. PAL RF INPUT

Input signal; PAL RF color bar, 75%. [TWIN] mode, [Service] mode.

#### (i) SUB CONTRAST

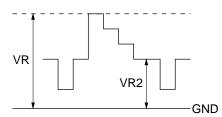
Condition: SAJ 00 PIC 3F

SAJ 02 COL 0

JGL 01 RGB 4

Adjusting parameter:

LEFT ; YCT 04 SCT RIGHT ; SYC 04 SCT



 $VR1 - VR2 = VR = 1.88 \pm 0.07 (Vp-p)$ 

#### (ii) SUB HUE/SUB COL

Condition: SAJ 02 COL 1F

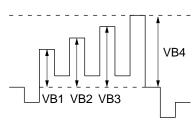
JGL 01 RGB 7

Adjusting parameter:

LEFT ; YCT 03 SCL

SAJ 10 HUO

RIGHT ; SYC 03 SCL



 $VB1 = VB4 \pm 50 \text{ mV}$   $VB2 = VB3 \pm 50 \text{ mV}$ 

#### 5-4. DEFLECTION ADJUSTMENTS

#### **FOR DRC 1250**

- 1. Set to Service Mode.
- 2. Input a Pal cross hatch/dot signal.
- 3. Set the following condition.

  Picture Mode to DYNAMIC, Picture Rotation to +/-0 and Eco Mode to OFF.
- 4. Set to DRC 1250 mode.
- 5. Using the 1 and 4 buttons select category GEO (Service Mode).
- 6. Select and adjust the following items to obtain optimum image. Raise/lower the data with the 3 and 6 buttons.

1	00	VSZ	V SIZE
2	04	HSZ	H SIZE
3	01	VPS	V POSITION
4	05	HPS	H POSITION
5	03	SCO	S CORRECTION
6	02	VLN	V LINEARITY
7	0B	BOW	AFC BOW
8	06	PAP	PIN AMP
9	07	UPN	UPPER CORNER PIN
10	08	LPN	LOWER CORNER PIN
11	09	TRZ	TRAPEZIUM

- 7. Using the 1 and 4 buttons select category DAC (Service Mode).
- 8. Select and ad List the following items to obtain optimum image. Raise/lower the data with the 3 and 6 buttons.

1	01	HLN	H LINEARITY	
2	00	HCT	H CENTER	

- 9. Select "GEO 04 HSZ" with the **1** and **4** buttons.
- 10. Confirm the H Size condition. If necessary, adjust the H SIZE to get a best condition.

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11. Write into the memory by pressing MUTING then 0.

#### FOR DRC 100 MODE

- 12. Set to DRC 100 mode.
- 13. Repeat Step 5, Step 6 and Step 7.
- 14. Write "DAC 00 HCT DRC 100 Mode" as "DAC 00 HCT DRC 1250 Mode".

Write "DAC 01 HLN DRC 100 Mode" as "DAC 01 HLN DRC 1250 Mode".

#### FOR PIP MODE

- 15. Set to PIP mode.
- 16. Repeat Step 5 and Step 6.
- 17. Write into the memory by pressing MUTING then **0**.

#### FOR TWIN MODE

- 18. Set to TWIN Mode.
- 19. Using the **1** and **4** buttons select category GEO (Service Mode).
- 20. Select and adjust the following items to obtain optimum image. Raise/lower the data with the [3] and [6] buttons.

				_
1	01	VPS	V POSITION	
2	05	HPS	H POSITION	
3	06	PAP	PIN AMP	
4	09	TRZ	TRAPEZIUM	

21. Write into the memory by pressing MUTING then 0.

#### FOR INDEX MODE

- 22. Set to Index Mode.
- 23. Repeat Step 5 and Step 6.
- 24. Write into the memory by pressing MUTING then **0**.

#### FOR WIDE MODE

- 25. Set to WIDE Mode.
- 26. Using the 1 and 4 buttons select category GEO (Service Mode).
- 27. Select and adjust the following items to obtain optimum image. Raise/lower the data with the **3** and **6** buttons.

1	00	VSZ	V SIZE
2	01	VPS	V POSITION
3	05	HPS	H POSITION
4	06	PAP	PIN AMP
5	09	TRZ	TRAPEZIUM

28. Input a NTSC cross hatch/dot signal and repeat all above steps.

## 5-5. A BOARD ADJUSTMENT AFTER IC003 (MEMORY) REPLACEMENT

When replacing IC003 and IC004 (MEMORY), be sure to change IC001 ( $\mu$ -COM) to the following new IC at the same time.

MODEL	IC001 (μ-CON)
KV-ES29M90	CXP750096-012Q

- 1. Enter to Service Mode.
- 2. Press commander buttons 5 and 0 (Data Initialize), and 2 and 0 (Data Copy) to initialize the data.
- 3. Call each item number and check if the respective screen shows the normal picture.

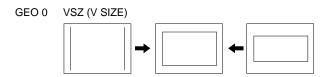
In cases where items are not well adjusted, rectify the items with fine adjustment.

Write the data per each item number ( $\boxed{\text{MUTING}} + \boxed{0}$ ).

- 4. Select item numbers "OPB0" (OP1), "OPB1" (OP2) and respectively set the bit per model with command buttons 3 and 6.
- Press commander buttons 8 and 0 (Test Normal) to return to the data that was set on the shipment from the factory. (This will also cancel Service Mode.)

#### 5-6. PICTURE DISTORTION ADJUSTMENT (1)

Item Number 00 - 0B



GEO 1 VPS (V POSITION)



GEO 2 VLN (V LINEARITY)



GEO 3 SCO (VERTICAL S-Correction)



GEO 4 HSZ (H SIZE)



GEO 5 HPS (H POSITION)



GEO 6 PAP (PIN AMP)

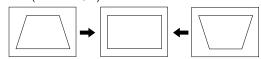


GEO 07 UPN (UPPER CORNER PIN)

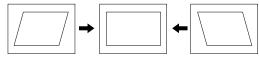
GEO 08 LPN (LOWER CORNER PIN)



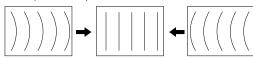
GEO 9 TRZ (TRAPEZIUM)



GEO 0A AGL (AFC.ANGLE)



GEO 0B BOW (AFC.BOW)



#### **PICTURE DISTORTION ADJUSTMENT (2)**

H-TRAPEZOID (DAC 4 HTR)



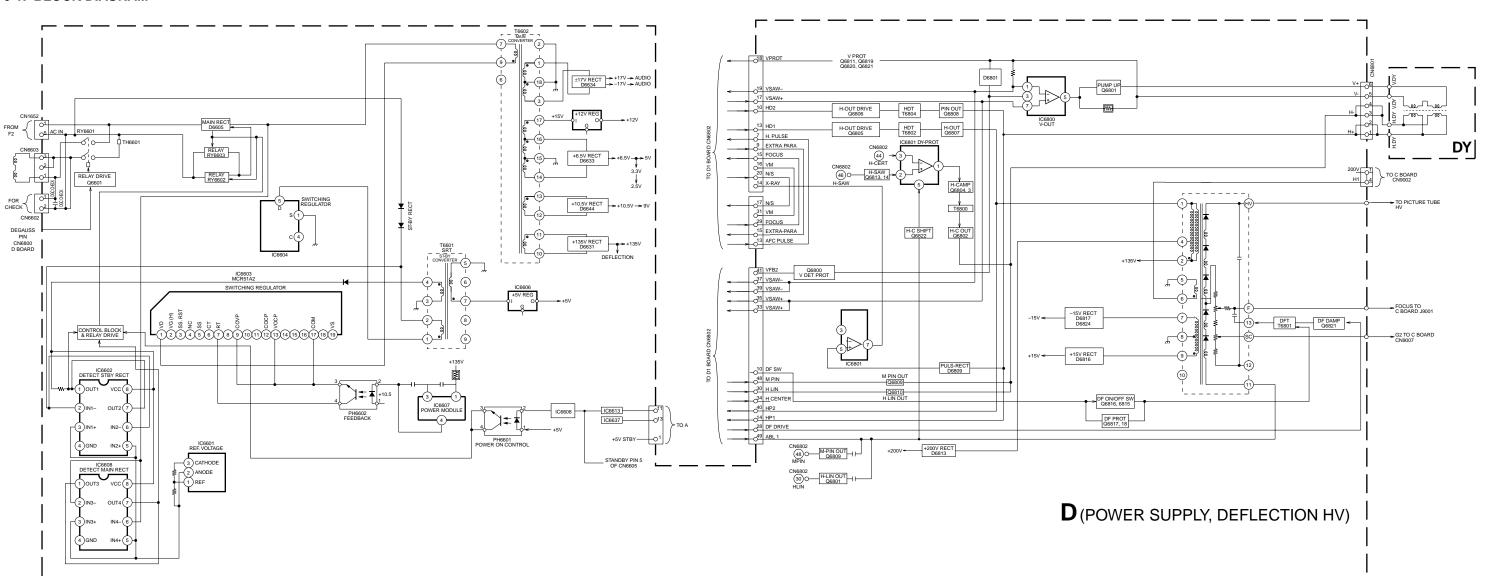
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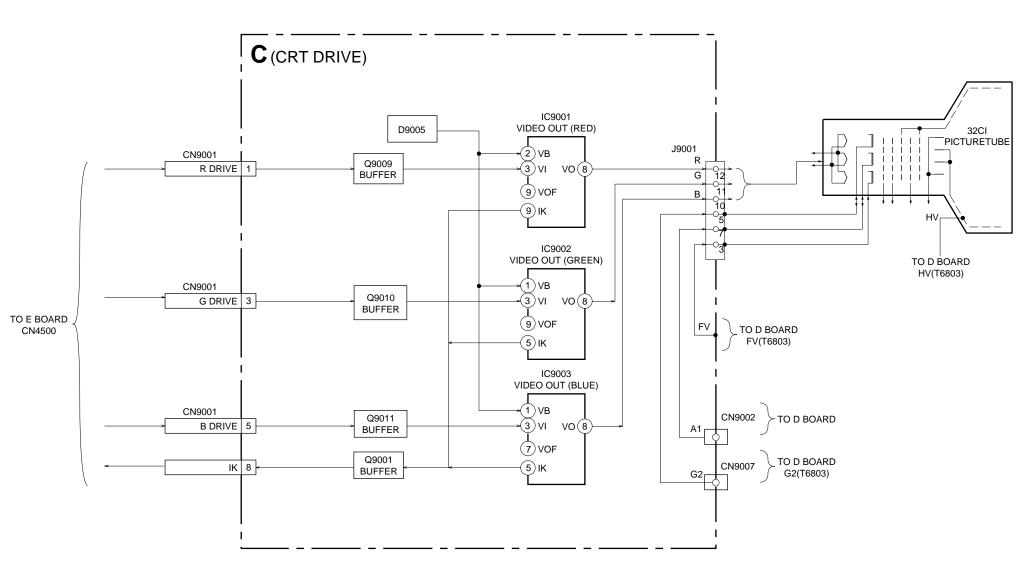
KV-ES29M90

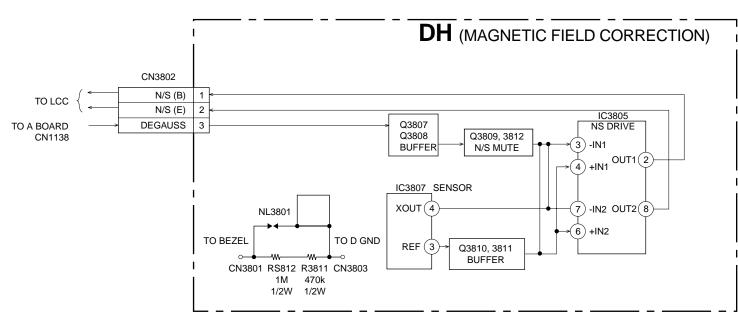
KV-ES29M90

KV-ES29M90 KV-ES29M90 RM-916 RM-916

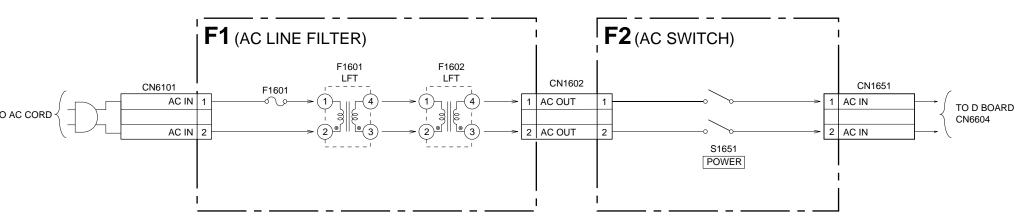
## 6-1. BLOCK DIAGRAM





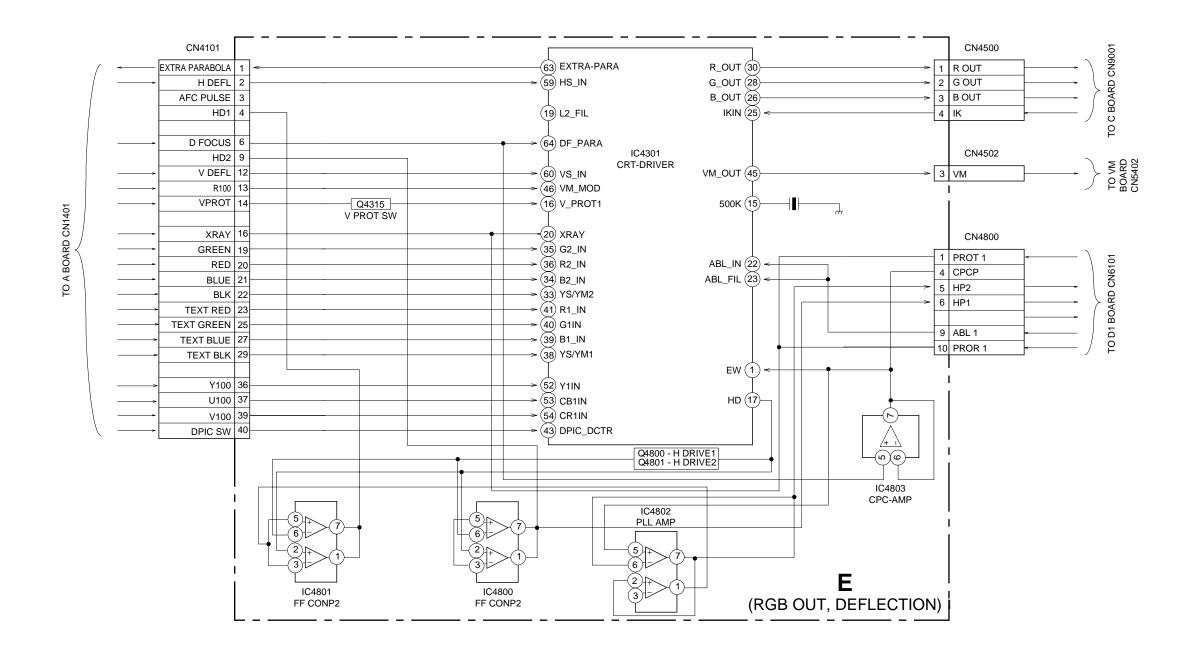


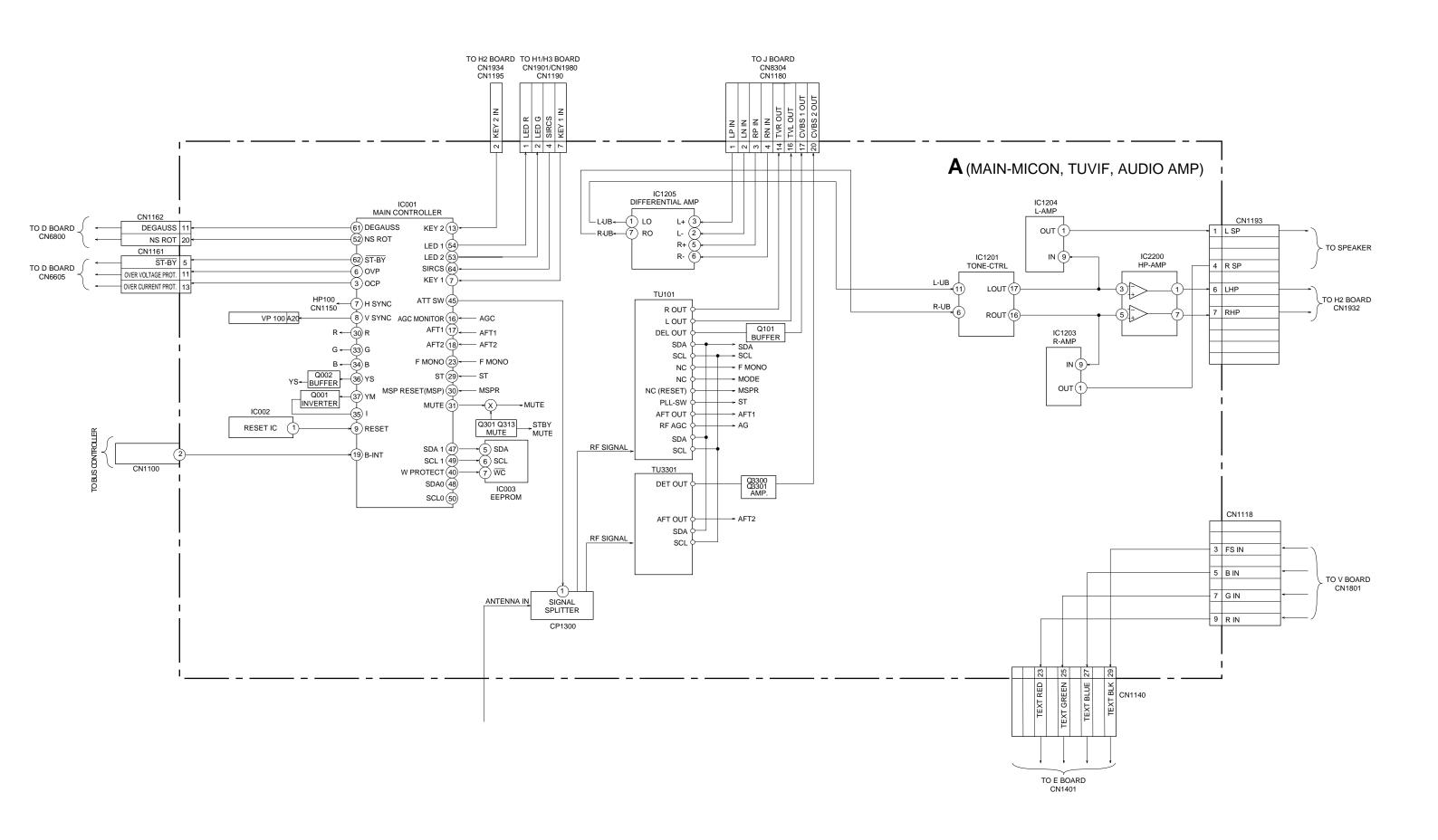
**- 65 -**



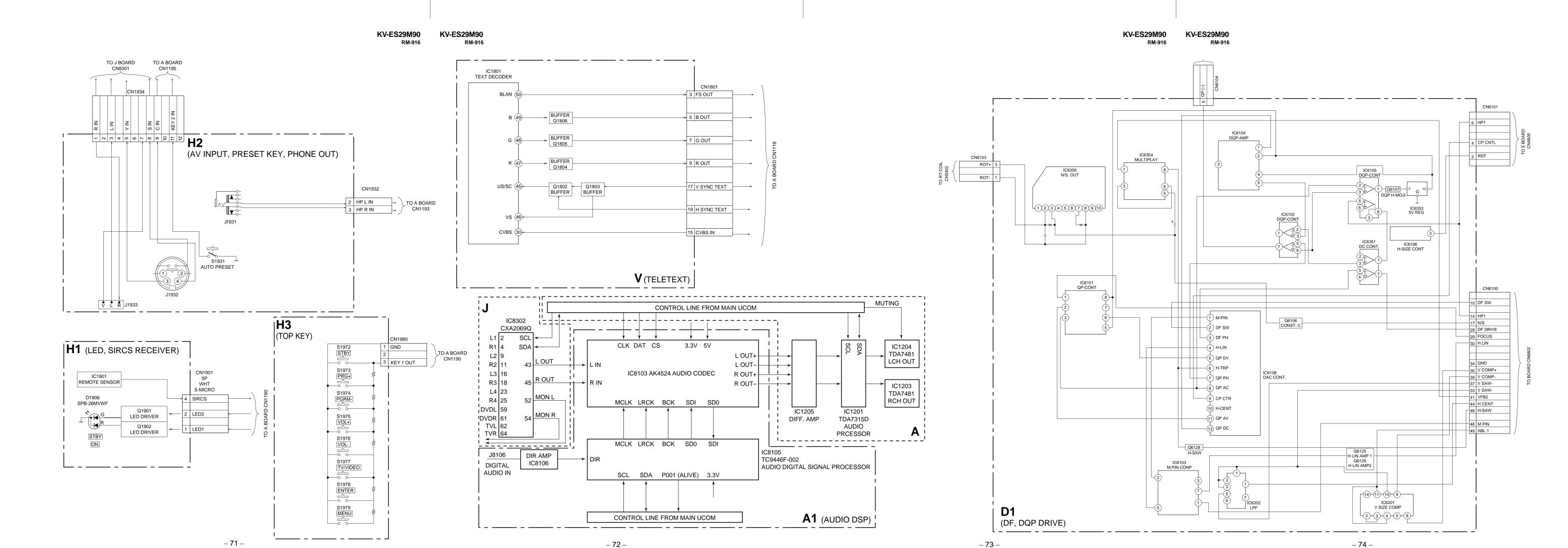
**SECTION 6** 

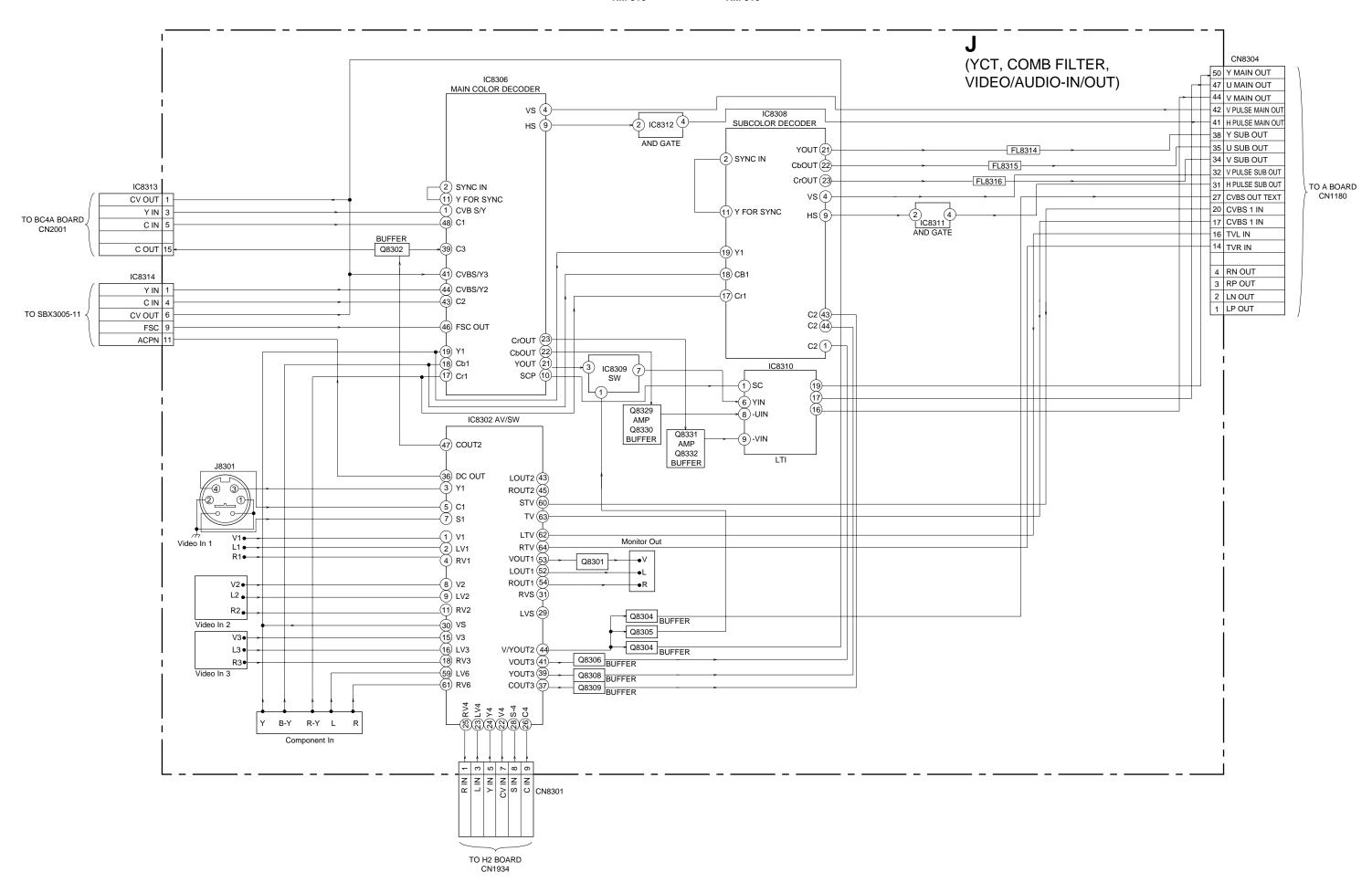
**DIAGRAMS** 



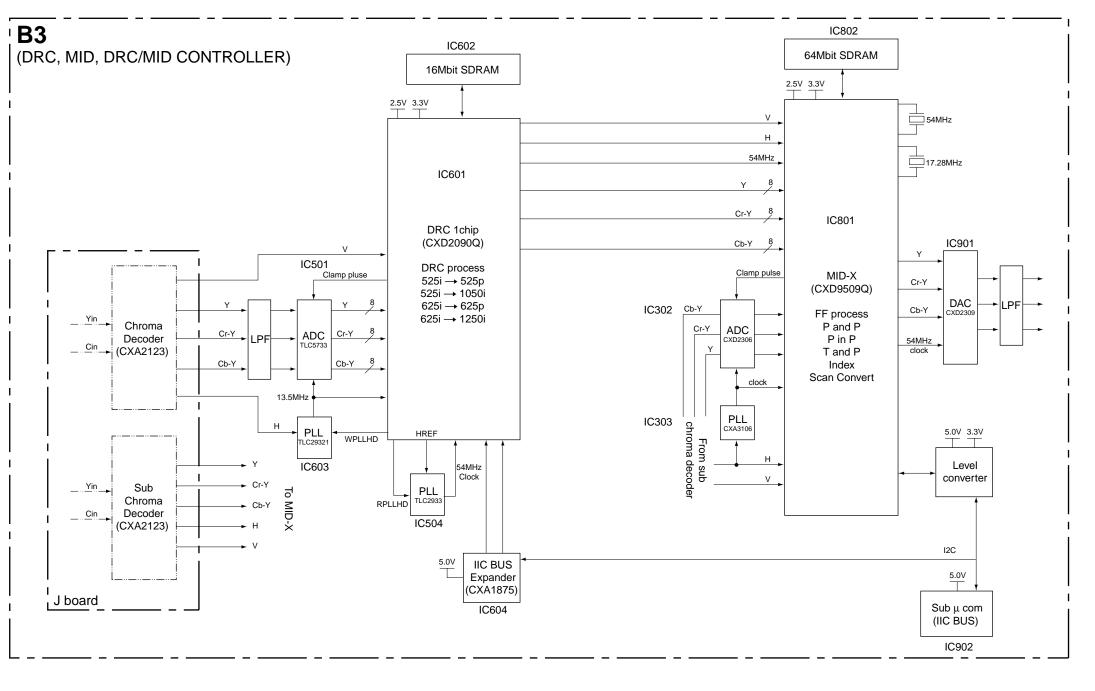


**- 69 -**

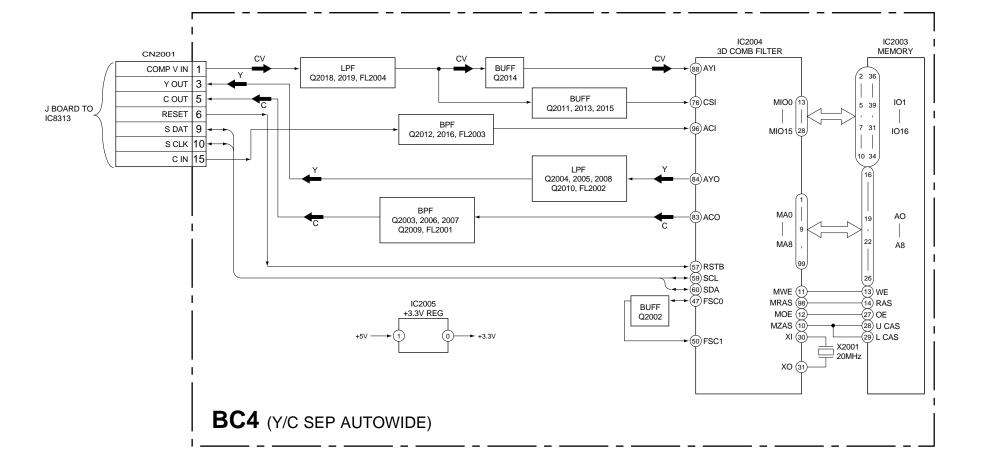


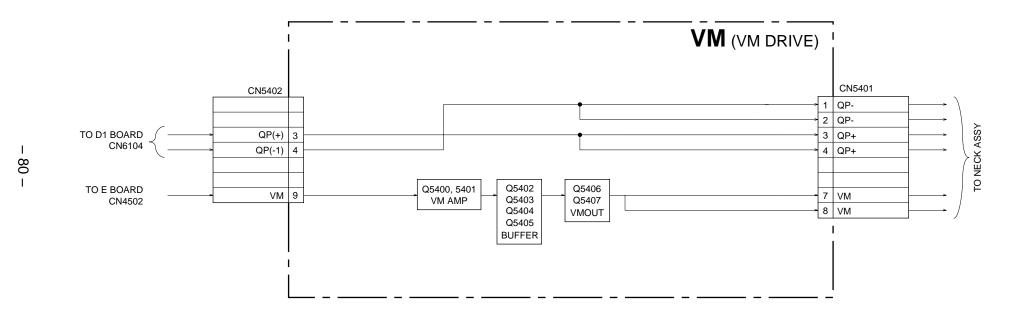


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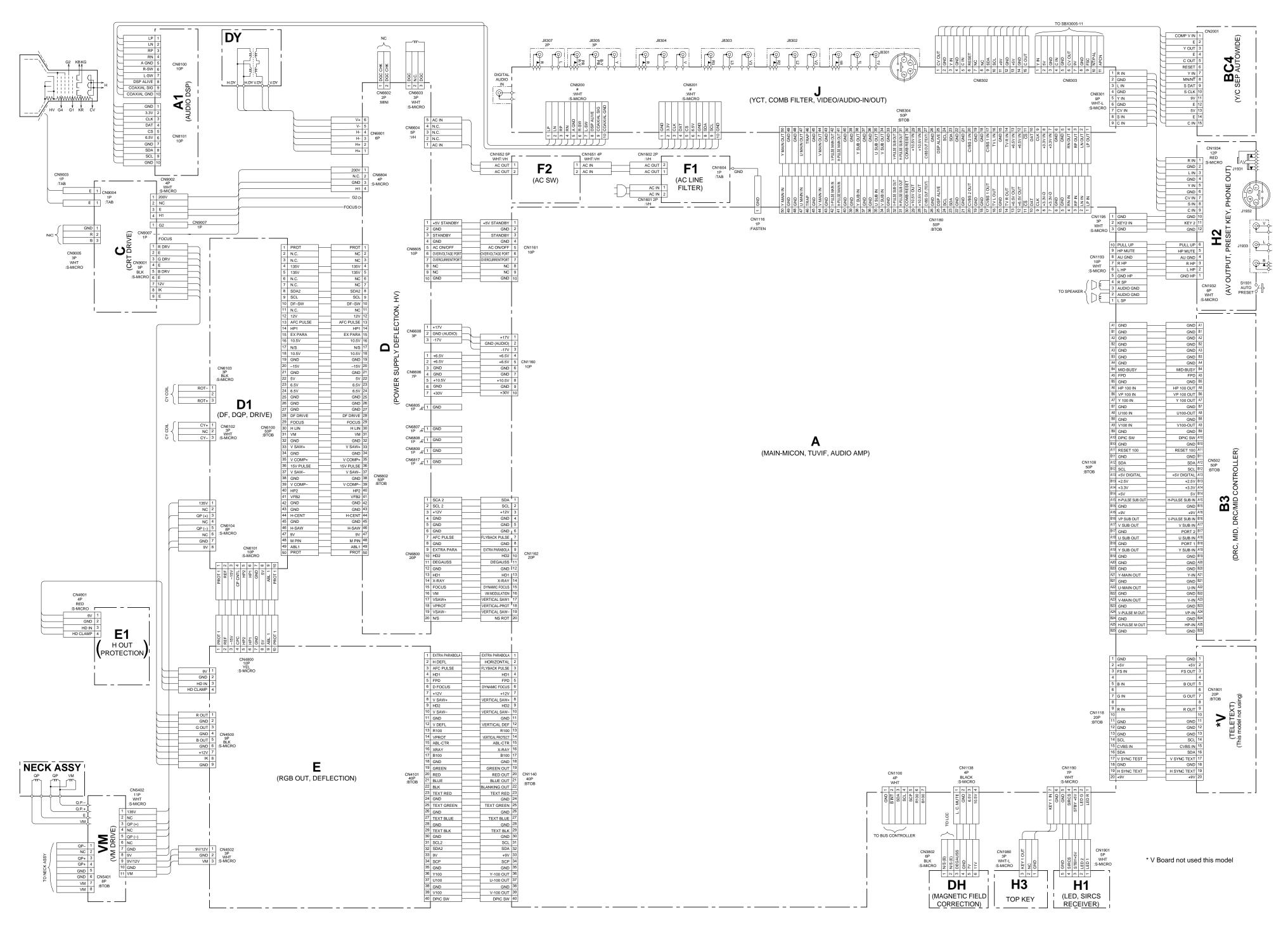


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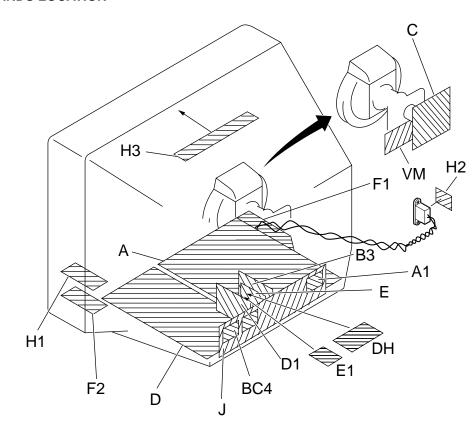




#### 6-2. FRAME SCHEMETIC DIAGRAMS



## 6-3. CIRCUIT BOARDS LOCATION



## 6-4. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Voltage variations may be noted due to normal production

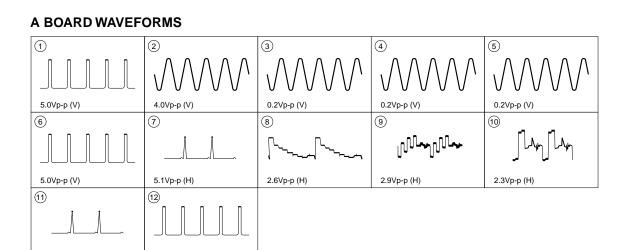
tolerances. All voltages are in V.

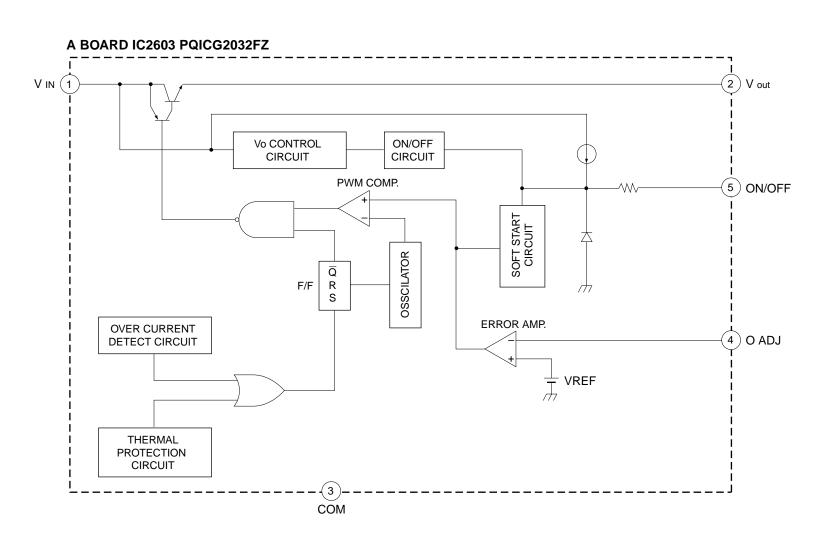
• : B + bus.

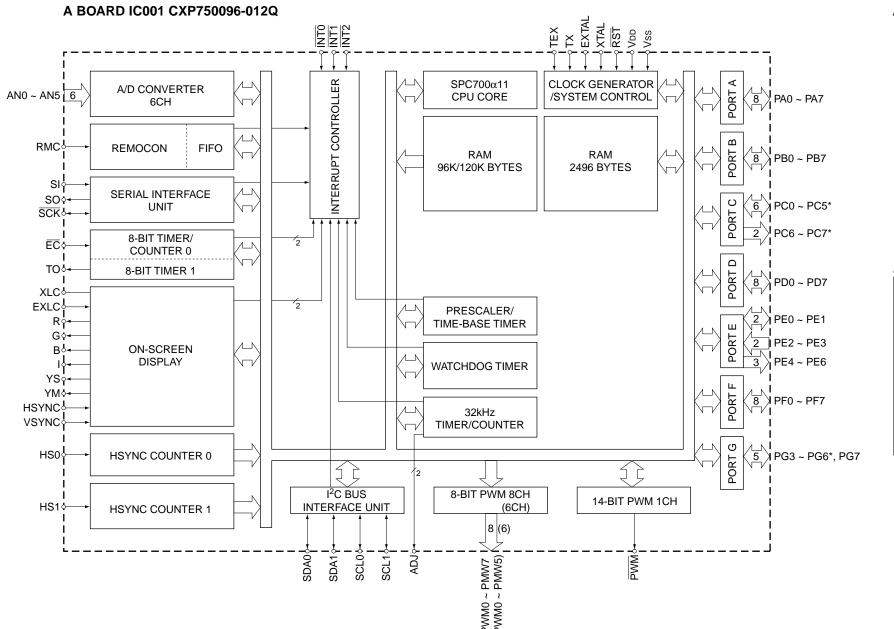
• • • • : B – bus. • ⇒ : signal path.

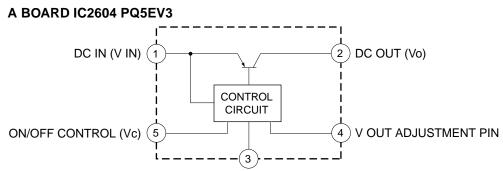
Note:	Reference in	formation	
<ul> <li>All capacitors are in μF unless otherwise noted.</li> <li>All electrolytic capacitors are rated at 50V unless otherwise noted.</li> <li>All resistors are in ohms.         kΩ = 1000Ω, MΩ = 1000kΩ         <ul> <li>Indication of resistance which does not have rating electrical power is as follows.</li> <li>Pitch: 5 mm</li></ul></li></ul>	Reference int RESISTOR  COIL CAPACITOR	: RN : RC : FPRD : FUSE : RS : RB : RW : ** : LF-8L : TA	METAL FILM SOLID NONFLAMMABLE CARBON NONFLAMMABLE FUSIBLE NONFLAMMABLE METAL OXIDE NONFLAMMABLE CEMENT NONFLAMMABLE WIREWOUND ADJUSTMENT RESISTOR MICRO INDUCTOR TANTALUM
<ul> <li>i panel designation or adjustment for repair.</li> <li>All variable and adjustable resistors have characteristic curve B unless otherwise noted.</li> <li>Readings are taken with a color-bar signal input. no mark : PAL         <ul> <li>i SECAM</li> <li>i NTSC 3.58</li> <li>i NTSC 4.43</li> </ul> </li> <li>Readings are taken with a 10 MΩ digital multimeter.</li> </ul>		: PS : PP : PT : MPS : MPP : ALB : ALT : ALR	STYROL POLYPROPYLENE MYLAR METALIZED POLYESTER METALIZED POLYPROPYLENE BIPOLAR HIGH TEMPERATURE HIGH RIPPLE

Note: The component identified by shading and mark ∆ are critical for safety. Replace only with • \* : Cannot be measured. Circled numbers are waveform references. part number specified.







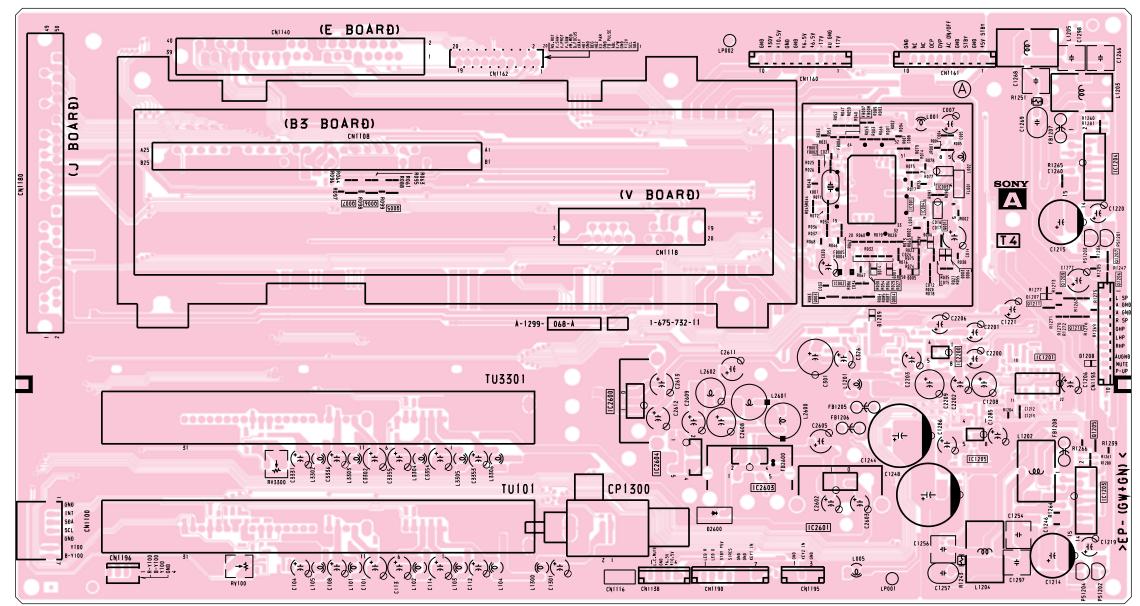


IC		TRANSI	STOR
	B-9 C-8 A-8 E-13 F-13	Q1201 Q1206 Q1209 Q1210 Q1205	D-12 D-13 D-13 D-13 E-13
C1204 C1205	B-13 F-12	DIOI	DE
C2200 C2600 C2601	E-12 E-8 G-10	D1208 D1209	E-13 D-11
C2603 C2604	F-9 F-8		

## PRINTED WIRING BOARDS

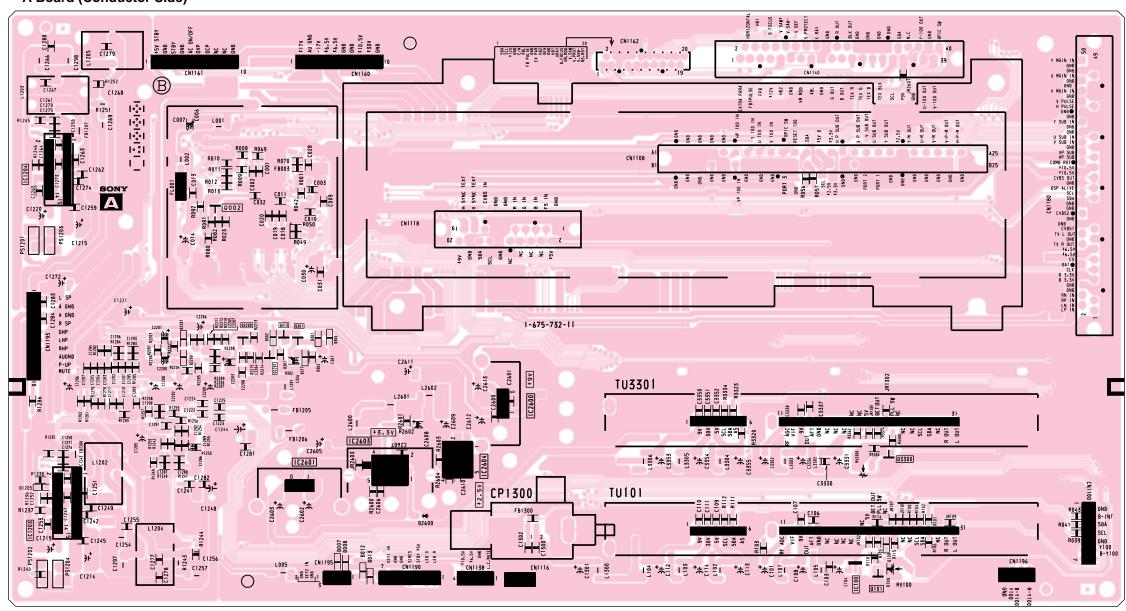
[MAIN-MICON, TUVIF, AUDIO AMP]

A Board (Component Side) –



- :Pattern from the side which enables seeing.
- :Pattern from the rear side.

- A Board (Conductor Side) -



 $-85- \\ -88- \\$ 

(1) Schematic Diagram of A Board 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 CN1190 7P WHT :S-MICRO TO H1(CN1901)/ TO H3(CN1980) CN1193 10P WHT :S-MICRO TO H2 BOARD CN1932 GND GND GND SIRCS STBY -LED G LED G R2202 R2203 R2204 R2203 R2204 R2205 R2015 CN1161 10P DIP PIN TO D BOARD CN6605 PROTECTOR

PROTECTOR R1242 10k :CHIP CN1160 10P DIP PIN R1253 R1259 R1259 100 CHIP CHIP TO D BOARD CN6606 +9V CN1162 20P C033 C0004

R083 B:CHIP BLANKING

S:CHIP C003

S2SC2712-YG

BLANKING

SCHIP C003

S2SC2712-YG

BLANKING

SCHIP R083

S2SC2712-YG

R080

R0 10
11 GND
12 GND
13 GND
14 SCL
15 CVBS IN
16 SDA
17 V SYNC TEST
18 GND
19 H SYNC TEXT
20 +9V DE(10) CN1140 40P :BTOB CN1116 1P :FASTEN TO F1 BOARD CN1604 DE(3) DE(8)
DE(15) DE(12) DE(9) CHIP FB004 B-INT 9 000 CHIP FB005 B-INT 9 000 DE(13) C3338 C3336 470p 100 B:CHIP 16V AGC

CVBS1

R100

CVBS1

R100

R100

R100

CHIP

CHIP | CHIP | CO18 | CO19 | CO20 | CO19 | 220 :CHIP 220 :CHIP 1k :CHIP D302 MA111-(K8).SO MUTING SW D300 MUTING

D301 MUTING C111 C114 C109 C113 C110 C112 470p 47 470p 47 470p 100 B:CHIP B:CHIP B:CHIP 16V B-SSS10133-HK.-A..-ES29 R088 R095 R096

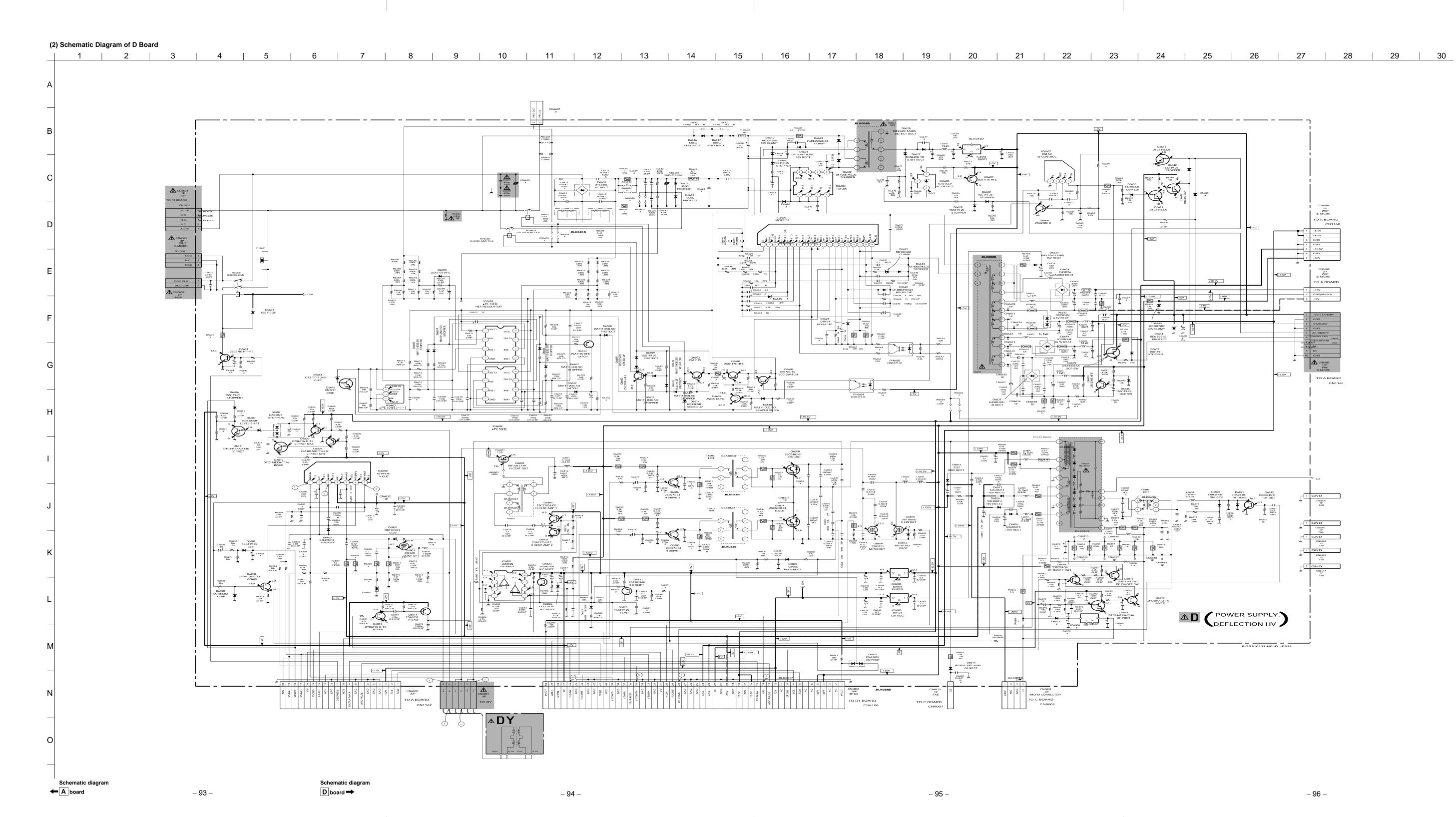
1k 1k 1k 1k
1k 1k
1cHiP :CHiP :CHiP ⚠ A MAIN MICON, TUVIF, AUDIO AMP R043 - R041 - R039 - R116 - R117 - R1 GND 1 SINT 2 SINT 2 SINT 2 SINT 3 SIN CN1100 7P WHT U SUB

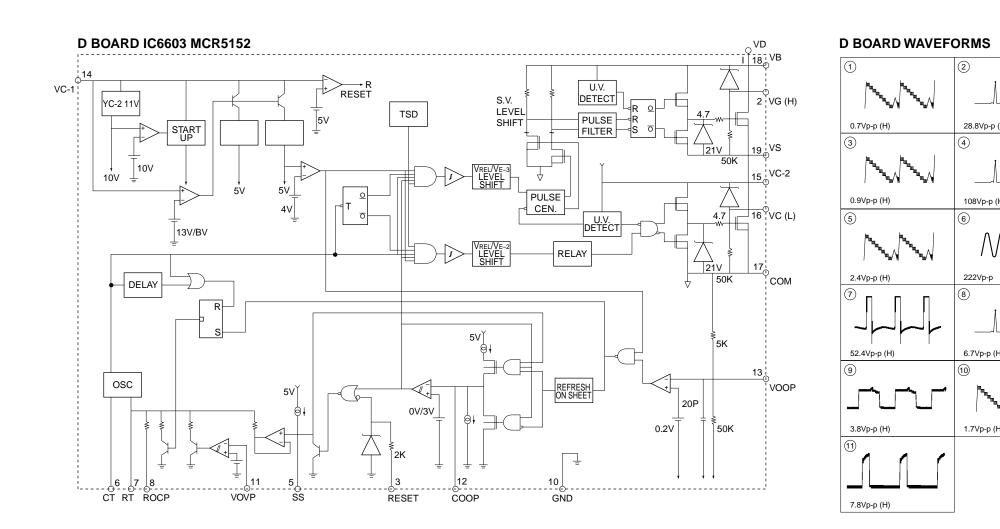
**- 91 -**

**- 92 -**

-90 -

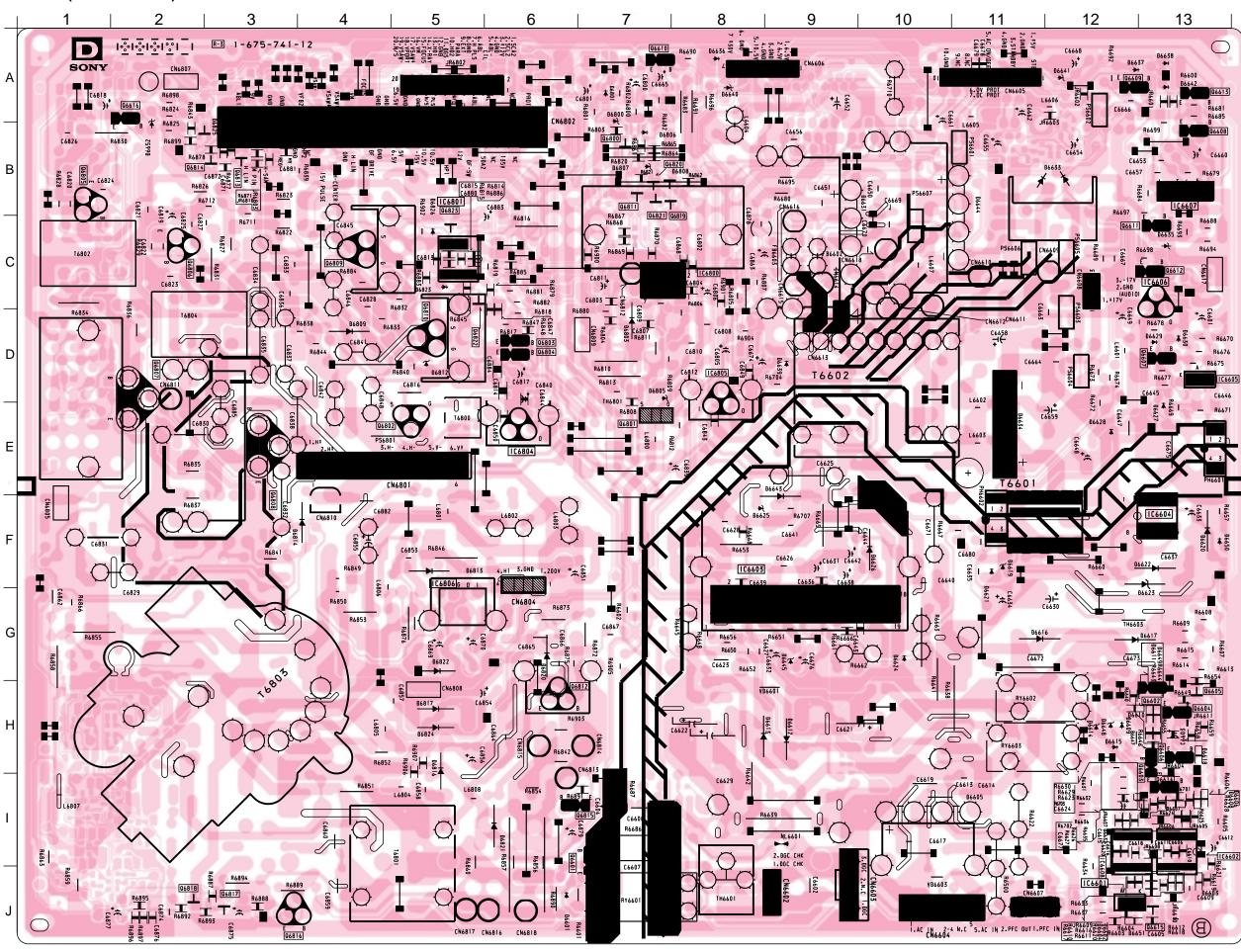
-89 -



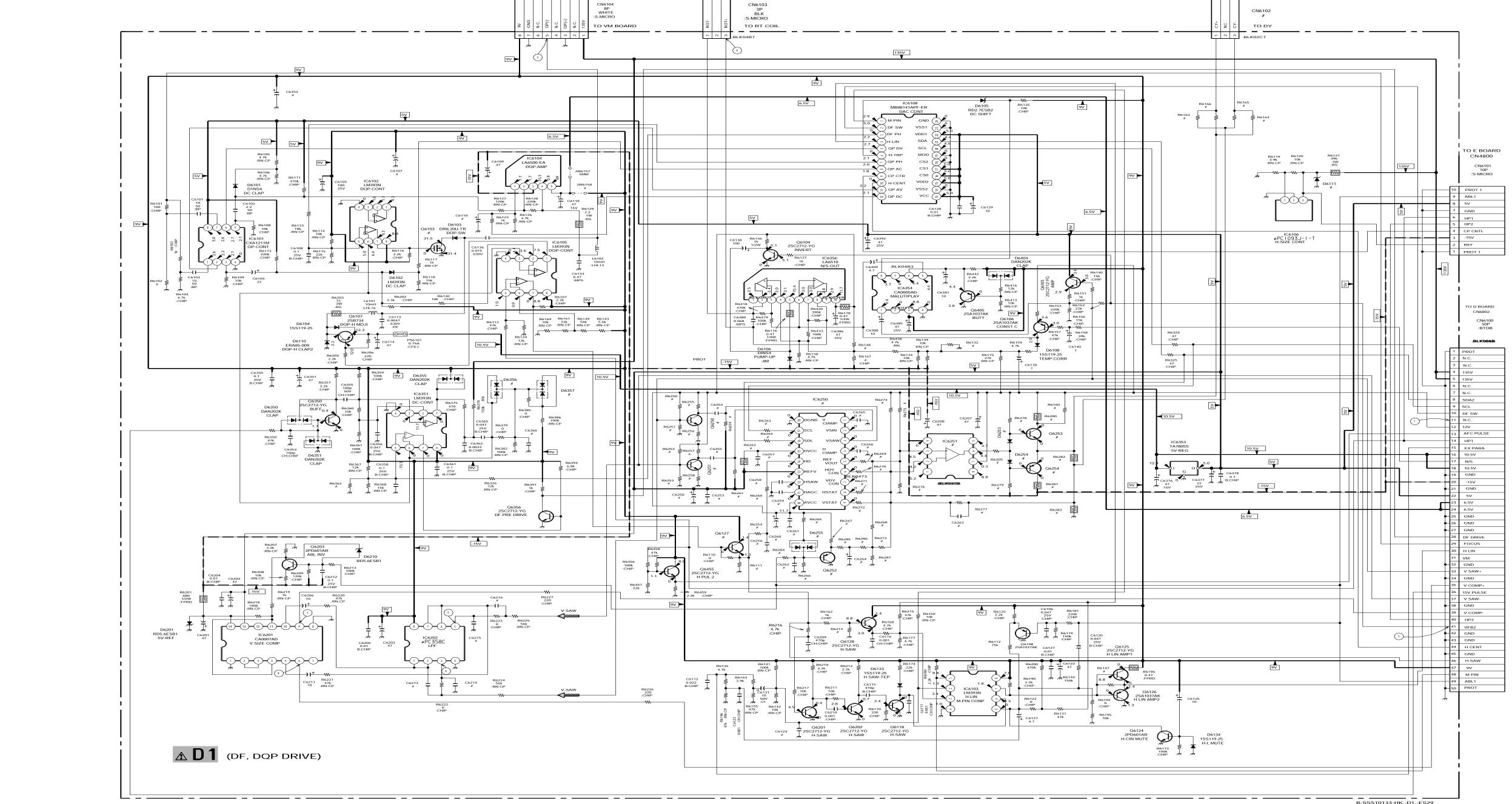


[POWER SUPPLY, DEFLECTION HV]

- D Board (Conductor Side) -



	D DOAK	טט (טע	пропе	ii Siue	*)		n powkn (collancial plae)									
	IC		DIODE D6642 A-1 D6643 F-5				IC		Q6807 Q6808	D-2 E-3	D6617 D6619	G-12 F-11	D6807 D6808	B-7 B-8		
	IC6601	J-2	D6601	J-8	D6644	C-4	IC6601	J-12	Q6809	C-4	D6620	F-13	D6809	D-4		
	IC6602	J-2	D6605	I-4	D6645	G-5	IC6602	I-13	Q6810	D-5	D6621	G-11	D6812	D-5		
	IC6603	G-5	D6609	H-2	D6648	H-2	IC6603	F-8	Q6811	C-7	D6622	F-13	D6813	F-5		
	IC6604	E-1	D6612	H-5	D6650	F-1	IC6604	F-13	Q6812	H-6	D6624	G-10	D6814	F-4		
	IC6605	D-1	D6613	H-6	D6800	B-7	IC6605	D-13	Q6815	I-7	D6625	F-9	D6816	I-5		
	IC6606	C-1	D6614	H-2	D6801	A-7	IC6606	C-13	Q6816	J-3	D6626	F-10	D6817	H-5		
	IC6607	B-1	D6615	H-2	D6803	D-7	IC6607	B-13	Q6817	J-3	D6627	E-13	D6820	H-6		
	IC6800	C-7 C-9	D6616	G-3	D6805	E-7	IC6800 IC6801	C-8	Q6818	J-3	D6628	E-12	D6821	I-6		
	IC6801 IC6804	C-9 E-8	D6617 D6619	G-2 F-3	D6806	B-7 B-7	IC6801	B-5 E-6	Q6819	C-8	D6629	D-13	D6822	G-5		
	IC6805	E-6	D6620	F-3	D6807 D6809	D-10	IC6804	D-8	Q6820 Q6821	B-7 C-7	D6630 D6631	D-13 B-10	D6824 D6825	H-5 B-3		
	IC6806	G-9	D6621	F-3	D6812	D-10 D-9	IC6806	F-5	Q6822	D-5	D6632	I-13	D6826	C-5		
ł			D6622	F-2	D6813	F-9			Q6825	C-5	D6634	E-11	00020	00		
	TRANSI	STOR	D6623	G-2	D6814	F-11	TRANSI	STOR			D6635	C-13				
1	Q6601	1-8	D6624	G-4	D6816	I-9	Q6601	J-6	DIO	DE	D6636	A-8				
	Q6602	G-2	D6625	F-6	D6817	H-9	Q6602	G-12	D6601	J-6	D6637	A-13				
	Q6603	H-2	D6626	F-4	D6820	H-8	Q6603	H-13		J-13	D6638	A-13				
	Q6604	H-1	D6627	E-1	D6821	I-9	Q6604	H-13	D6603	J-13	D6639	D-9				
	Q6606	H-1	D6628	E-2	D6822	G-9	Q6605	H-13	D6604	J-12	D6640	A-8				
	Q6607	D-2	D6629	D-2	D6823	C-9	Q6606	H-13	D6605	I-11	D6641	A-12				
	Q6608	B-1	D6630 D6631	D-1 C-5	D6824	H-10	Q6607	D-13	D6606	I-13	D6642	A-13				
	Q6609	A-2	D6633	B-3	D6826 Q6805	C-9 B-12	Q6608	B-13	D6607	I-12	D6643 D6644	E-9 C-11				
	Q6610	A-7	D6634	E-3	Q6806	C-12	Q6611	C-12	D6608	I-13	D6645	H-9				
	Q6611	C-2	D6635	C-1	Q6807	B-12	Q6612	C-13	D6609	H-12	D6648	H-12				
	Q6612	C-1	D6636	A-6	Q6808	E-11	Q6614	I-13	D6610	G-13	D6649	G-13				
	Q6613	A-1	D6637	A-2	Q6809	C-10	Q6800	B-7	D6611	G-13	D6650	F-13				
	Q6801	E-7	D6638	A-1	Q6810	D-10	Q6801	D-7	D6612	H-9	D6800	B-7				
	Q6802	E-9	D6639	D-5	Q6812	H-8	Q6802	E-4	D6613	H-9	D6801	A-7				
	Q6803	D-8 D-8	D6640	A-6	Q6814	I-1	Q6803	D-6	D6614	H-12	D6803	D-7				
	Q6804	ט-8	D6641	A-3	Q6815	I-8	Q6804 Q6806	D-6 C-2	D6615	H-12	D6805	E-7				
					Q6816	I-11	40000	U-2	D6616	G-11	D6806	B-7	1			

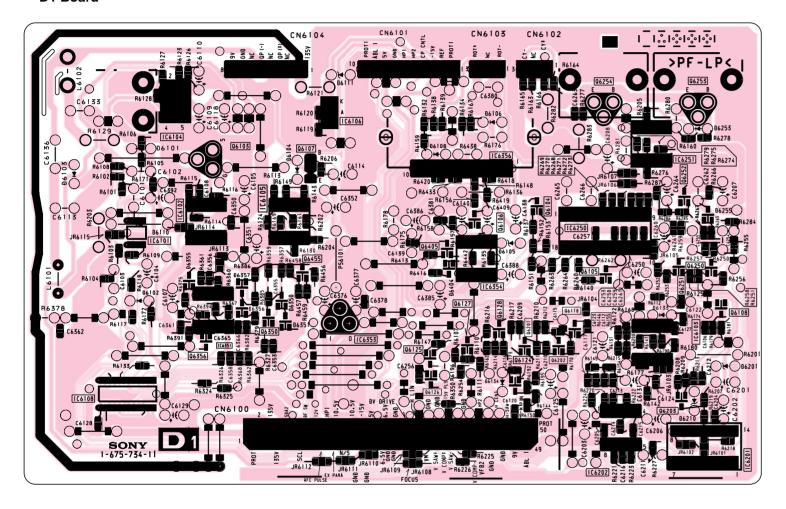


— 101 — Schematic diagram — D1 board →

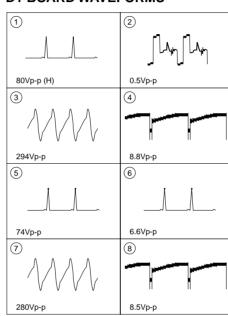
**– 102 –** 

D1 [DF, DQP DRIVE]

### - D1 Board -



### D1 BOARD WAVEFORMS

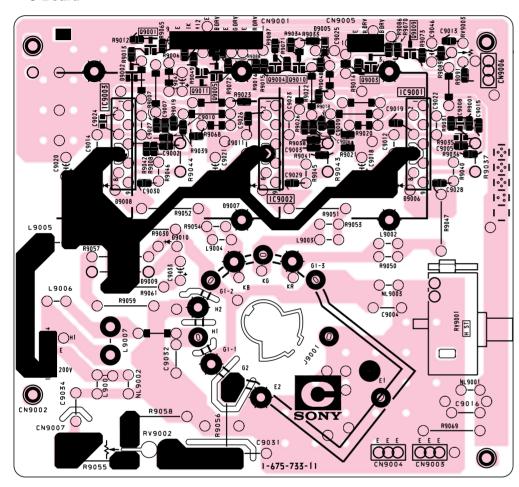




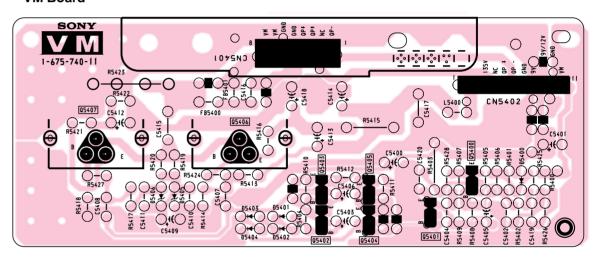




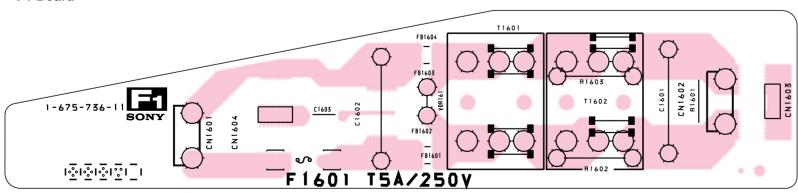
### - C Board -



### - VM Board -



### - F1 Board -



**– 111 –** 

**– 110 –** 

**– 109 –** 

**– 114** –

Schematic diagrams

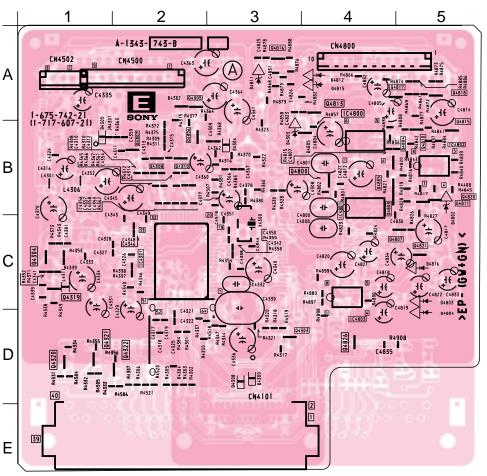
C F1 VM boards

**– 113** –

- 115 -- 116 -

[RGB OUT, DEFLECTION]

### - E Board (Component Side) -



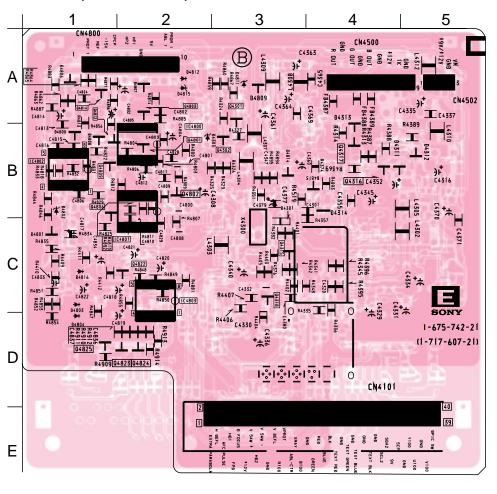
- :Pattern from the side which enables seeing.
- :Pattern from the rear side.

#### F BOARD (Ca

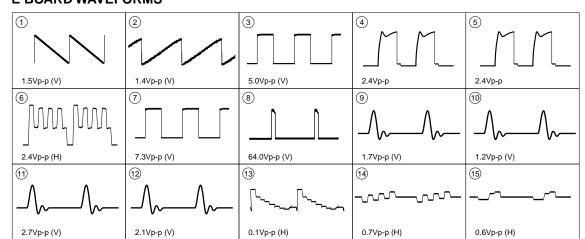
E BOARD (Component Side)											
IC		Q4320	D-1	DIODE							
IC4301 IC4800 IC4801 IC4802 IC4803	C-2 A-4 C-4 B-5 D-4	Q4321 Q4322 Q4800 Q4804 Q4805 Q4806	D-1 D-2 B-4 B-5 B-4 B-2	D4302 D4303 D4304 D4305 D4308	A-2 B-3 B-3 B-12 D-3						
TRANSI	STOR	Q4807 Q4808	C-5 B-4	D4309 D4802	D-3 B-5						
Q4303 Q4304 Q4305 Q4307 Q4308 Q4310 Q4319	D-4 C-1 A-2 B-2 B-2 B-2 C-1	Q4810 Q4811 Q4813 Q4815 Q4816 Q4817 Q4818	B-5 B-5 A-4 B-5 A-3 A-5 A-5	D4805 D4806 D4811 D4812 D4815	B-4 C-5 A-3 A-4 A-4						

E BOARD (Conductor Side)											
IC4800 B-2	Q4806 Q4809 Q4812	B-12 B-1 A-1	D4806 D4807 D4808	A-1 A-2 B-1							
IC4801 C-2	Q4814	A-1	D4809	A-3							
IC4802 B-1 IC4803 C-2	DIOI	DE	D4811 D4812	A-3 A-2							
TRANSISTOR	D4301 D4303	C-3 B-3	D4813 D4814	B-4 B-3							
Q4301 A-3 Q4302 B-3	D4303 D4311 D4312	B-5 B-5	D4815 D4819	A-2 C-3							
Q4315 C-3	D4313	A-4									
Q4316 B-4 Q4317 B-4	D4800 D4801	B-1 C-1									
Q4318 D-3	D4802	B-1									
Q4801 B-2 Q4802 B-2	D4803 D4804	C-1 C-1									

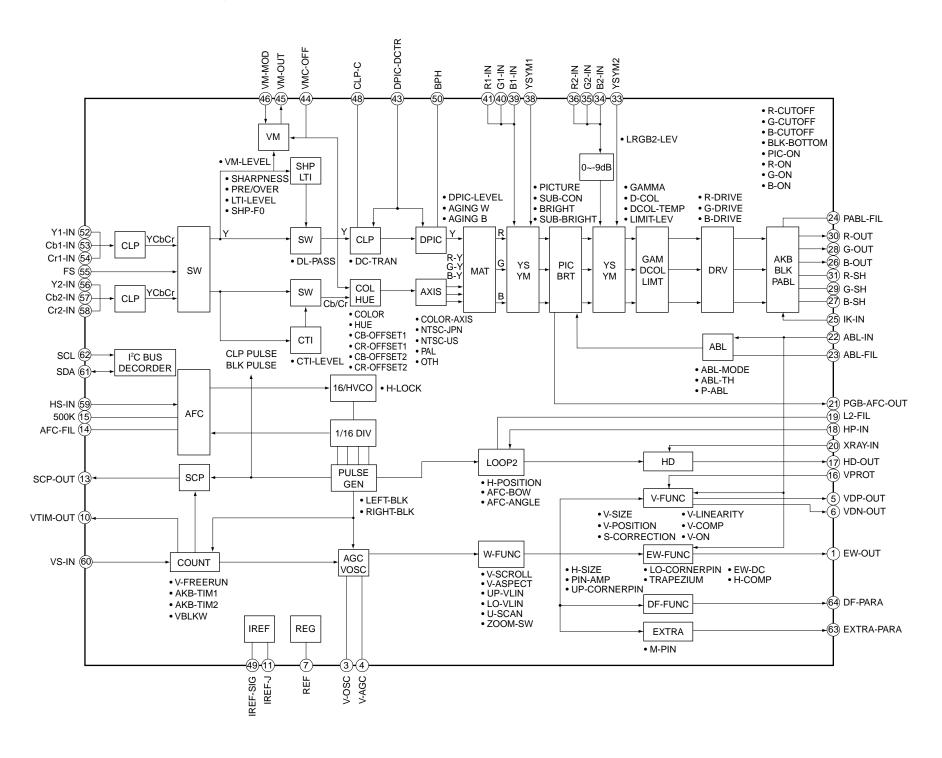
#### - E Board (Conductor Side) -

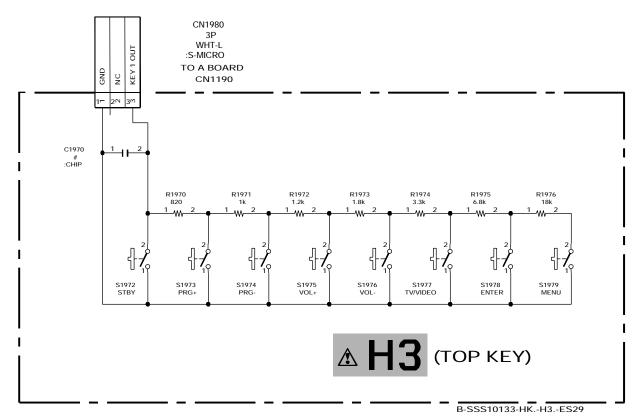


#### E BOARD WAVEFORMS



#### E Board IC4301 CXA2100AQ





B-SSS10133-HK.-H2.-ES29

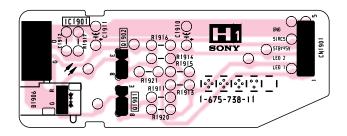
AH2 (AV INPUT, PRESET KEY, PHONE OUT)

[LED, SIRCS RECEIVER]

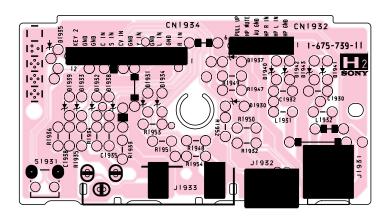
H2 [AV INPUT, PRESET KEY, PHONE OUT]

H3 [TOP KEY]

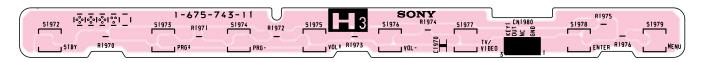
#### - H1 Board -



#### - H2 Board -



#### - H3 Board -

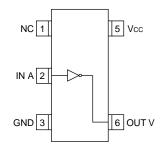


### B3 BOARD IC309 TC7SET04F (TE85R)

### B3 BOARD IC505 TC7SET04F (TE85R)

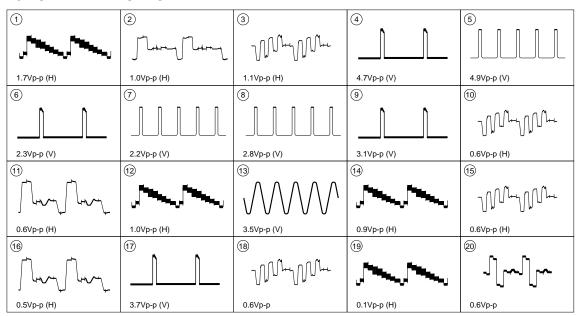


### **B3 BOARD IC506 TC7SET04F (TE85R)**

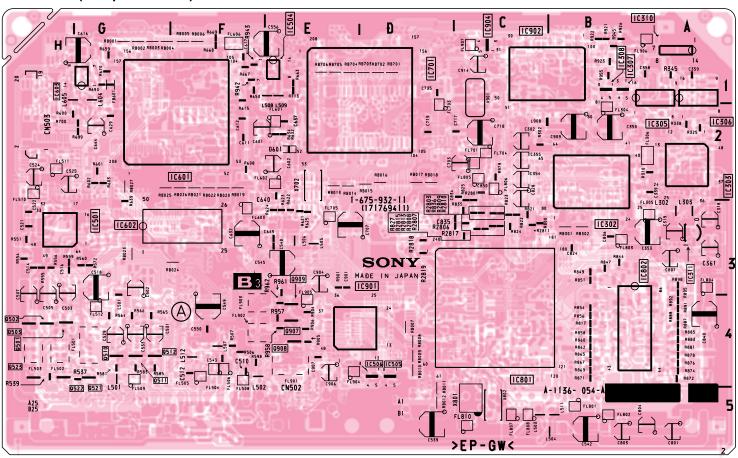




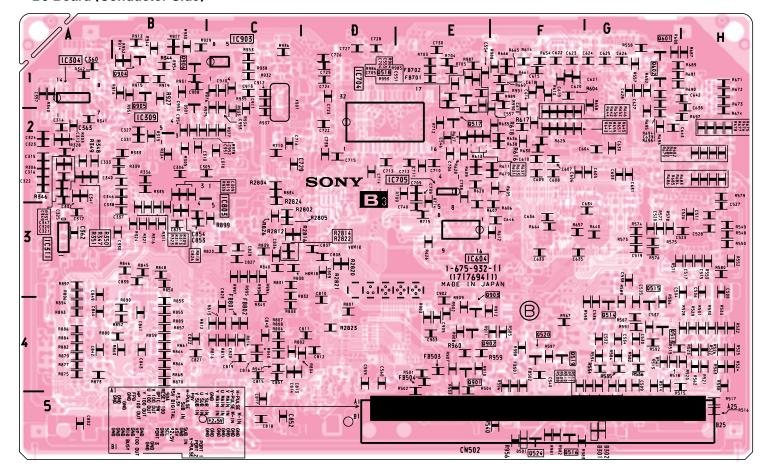
#### **B3 BOARD WAVEFORMS**



**B3** [DRC, MID, SUB MICON, DRC/MID CONTROLLER]



### - B3 Board (Conductor Side) -



IC	;	TRANS	ISTOR
IC302 IC303 IC305 IC306 IC307 IC308 IC310 IC311 IC501 IC504 IC505 IC506	C-7 B-8 B-7 B-8 A-7 A-7 C-8 C-1 A-4 D-5 D-4	Q501 Q502 Q503 Q510 Q511 Q512 Q521 Q522 Q523 Q907 Q908 Q909	D-6 E-7 F-6 D-2 F-1 D-2 E-2 E-1 D-1 D-4 D-3 C-4
IC601 IC602	I-8 H-6	DIO	
IC603 IC701 IC801 IC802	D-8 A-5 E-6 C-7	D601	I-8

IC901 I-13 IC902 A-6 IC904 A-6

B3 BOARD (Component Side)

RD (C	onducto	or Sic		
;	Q519	D-6 D-6		
A-1 B-2 C-1 C-5 A-4 B-4 C-3 A-3	Q524 Q601 Q602 Q901 Q902 Q903 Q904 Q905 Q906	D-6 E-6 A-7 A-7 D-5 D-5 C-6 A-2 A-2		
	DIO	DE		
D-7 D-7 C-7 E-6 B-5 A-4	D301 D302 D901	A-7 B-5 B-1		
	A-1 B-2 C-1 C-5 A-4 B-4 C-3 A-3 STOR D-7 D-7 C-7 E-6 B-5	A-1 Q520 A-1 Q524 B-2 Q601 C-5 Q901 A-4 Q902 B-4 Q903 C-3 Q904 A-3 Q905 STOR DIO D-7 D301 C-7 D301 C-7 D302 E-6 D901		

• :Pattern from the side which enables seeing. Pattern from the rear side.

D601 MA111-(K8).SO

B-SSS10133-HK.-B3(P2)-ES29

(9) Schematic Diagram of B<sub>3</sub> (3/6) Board 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 VOUT33 VOUT30 VOUT29 VOUT26 VOUT25 VOUT24 VDD VOUT21 VOUT20 TMC57127 VSS VOUT19 VOUT18 VOUT16 VDD VOUT15 VOUT14 VOUT11 VOUT10 VOUT9 VOUT8 VOUT6 VOUT5 VOUT4 VOUT3 —— роит VOUT1 VOUTO VDD PPLLFDN PCKREF SCL-MID > **B3** (3/6) (DRC, MID, DRC/MID CONTROLLER) B-SSS10133-HK.-B3(P3)-ES29

- **134** -

**– 133** –

**– 135 –** 

**– 138 –** 

Schematic diagram

B3 (4/6) board →

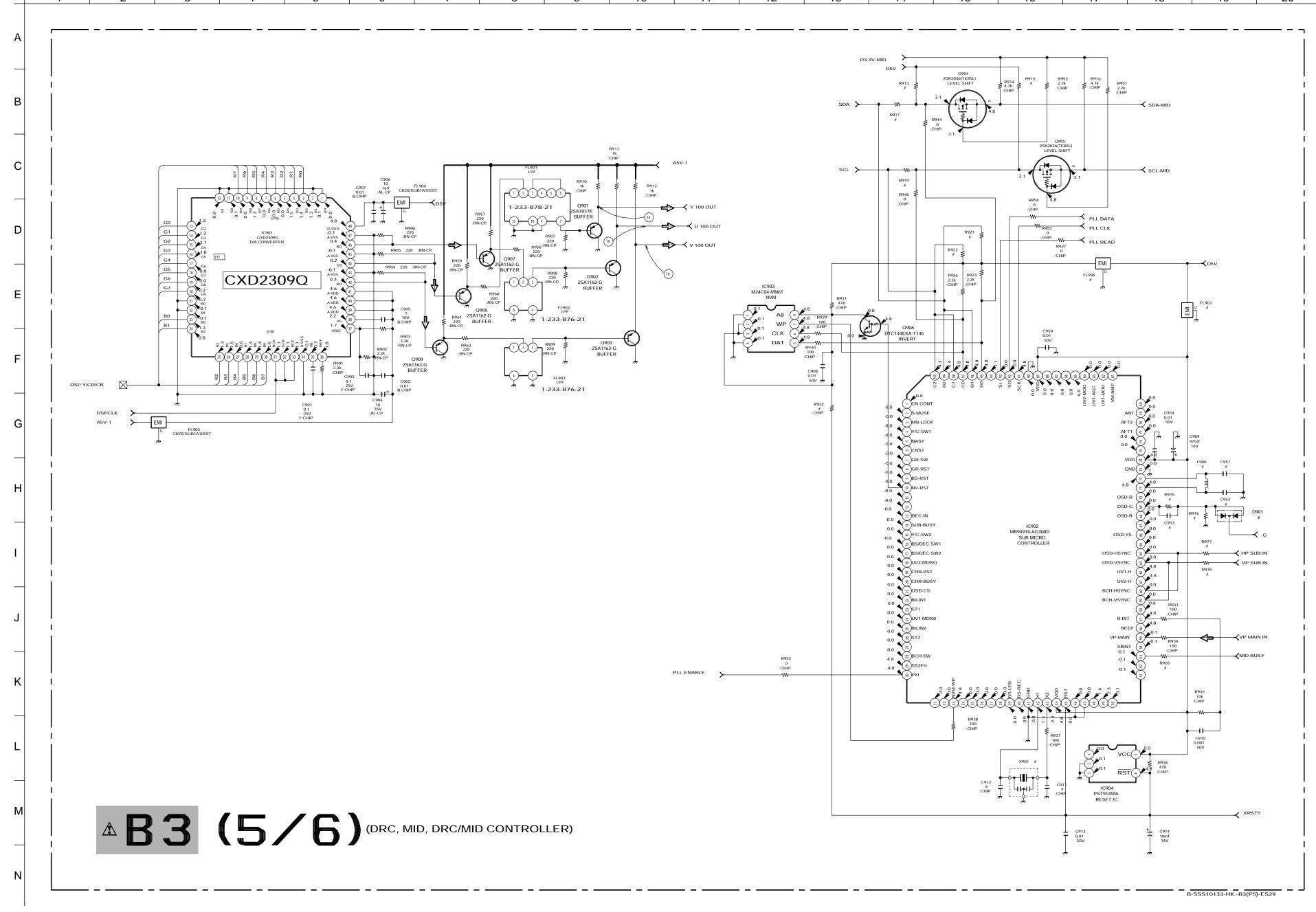
Schematic diagram

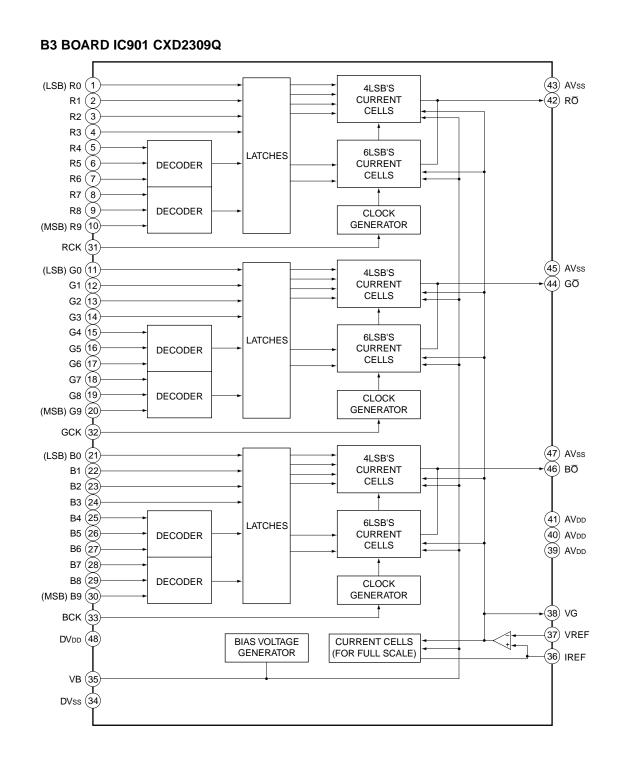
**– 137** –

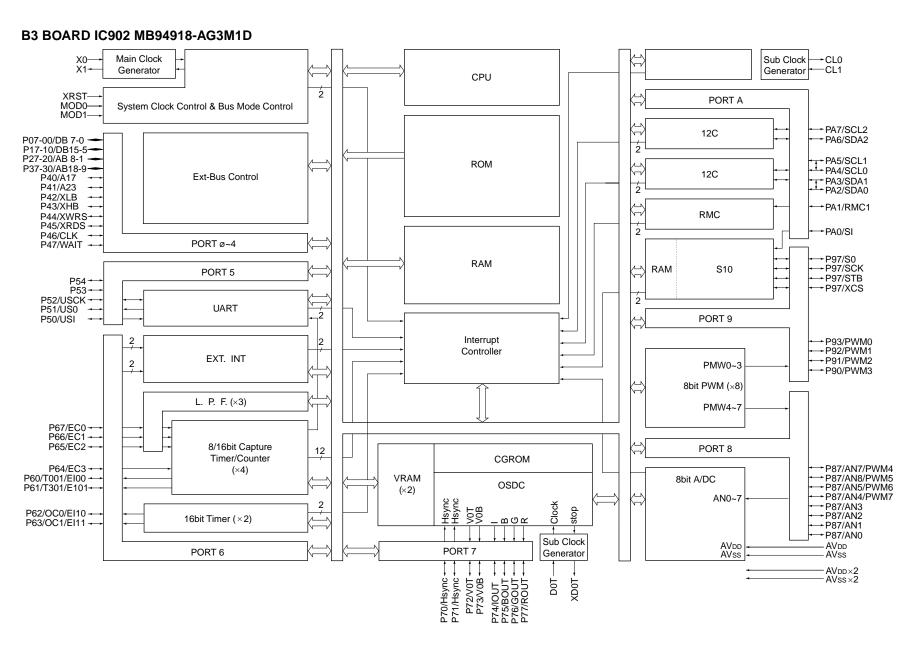
← B3 (3/6) board

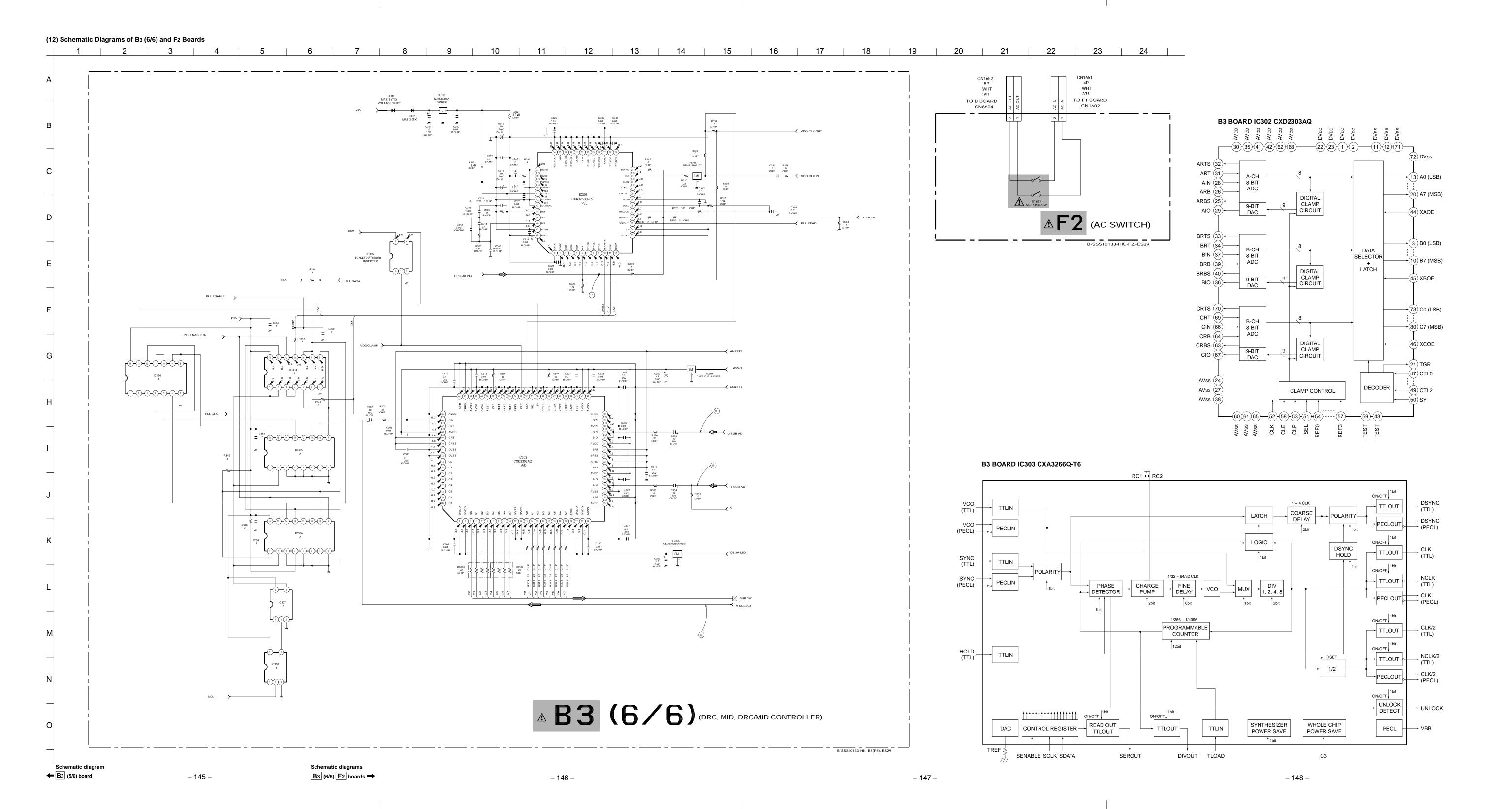
- 139 -

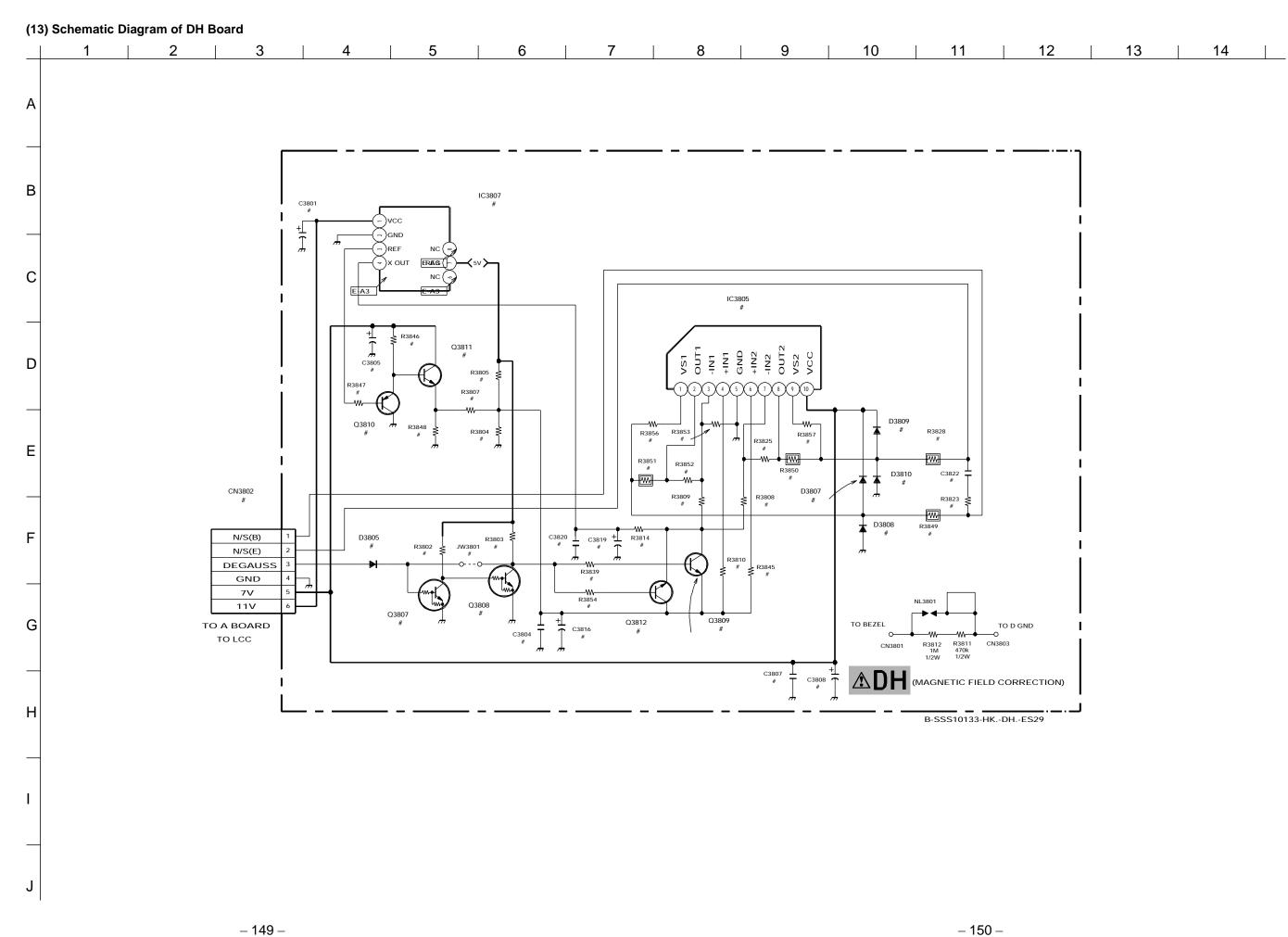
**– 140 –** 

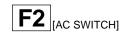






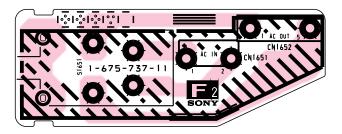




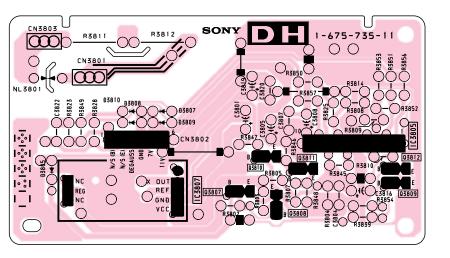




### - F2 Board -



### – DH Board –

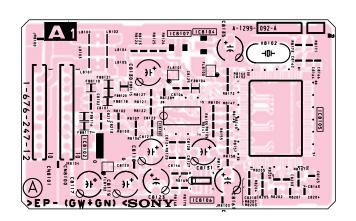


Schematic diagram ← DH board

**– 150 – – 151** –



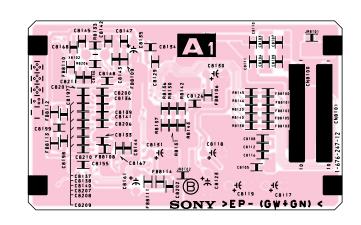
### - A1 Board (Component Side) -



### A1 BOARD (Component Side)

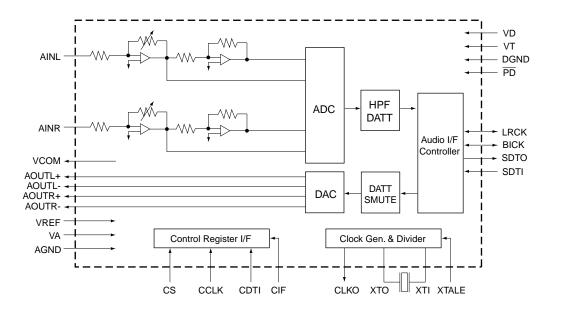
IC	
IC8102 IC8104 IC8105 IC8106 IC8108	B-1 A-2 B-4 B-3 B-1

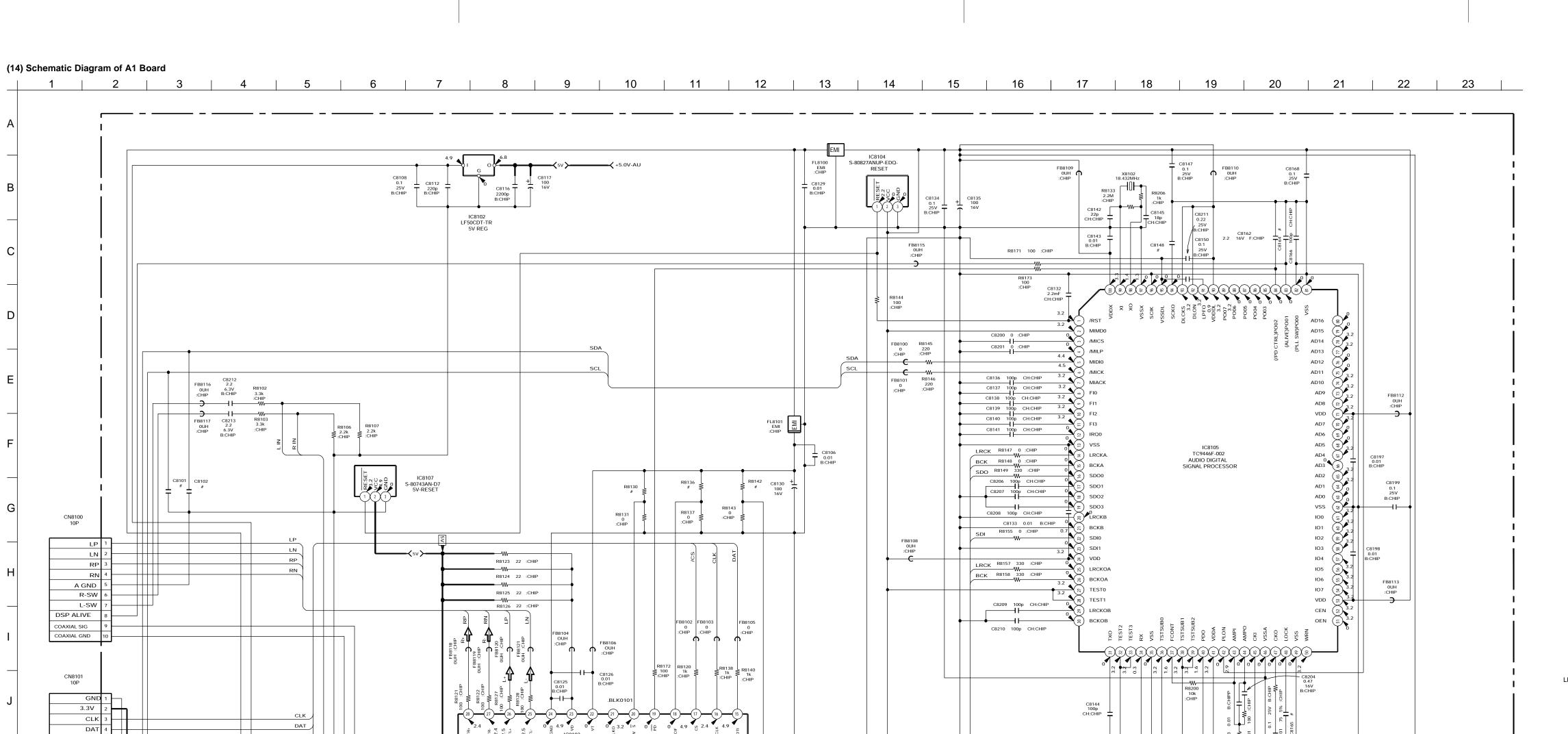
### - A1 Board (Conductor Side) -

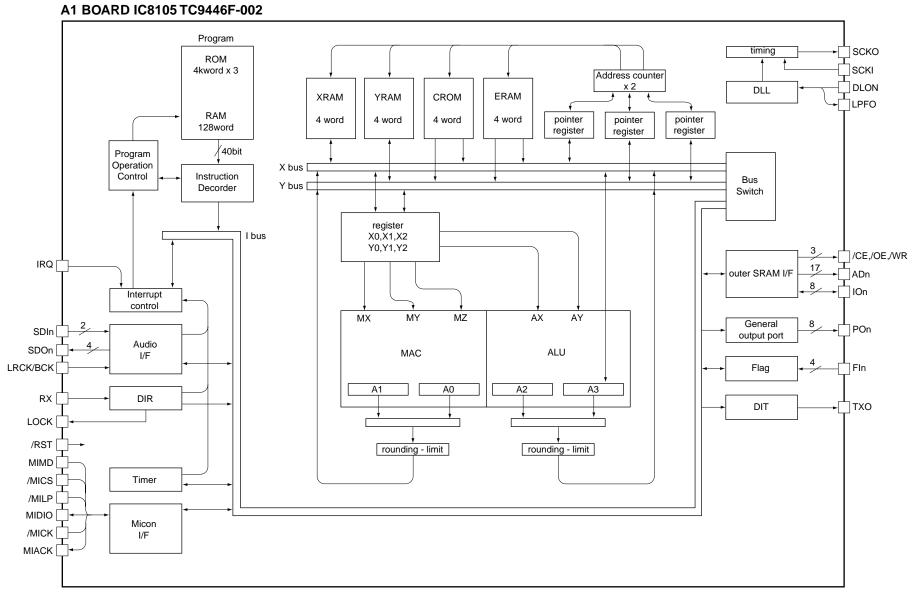


- :Pattern from the side which enables seeing.
- Pattern from the rear side.

### A1 Board IC8103 AK4524







Schematic diagram

← A1 board

Schematic diagrams

BC4 E1 boards →

C8103 0.01 B:CHIP C8107 L8100 L8102 C8110 0.01 L#H L9H 0.01 CCHIP C8108

**– 155** –

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⚠ A1 (AUDIO DSP)

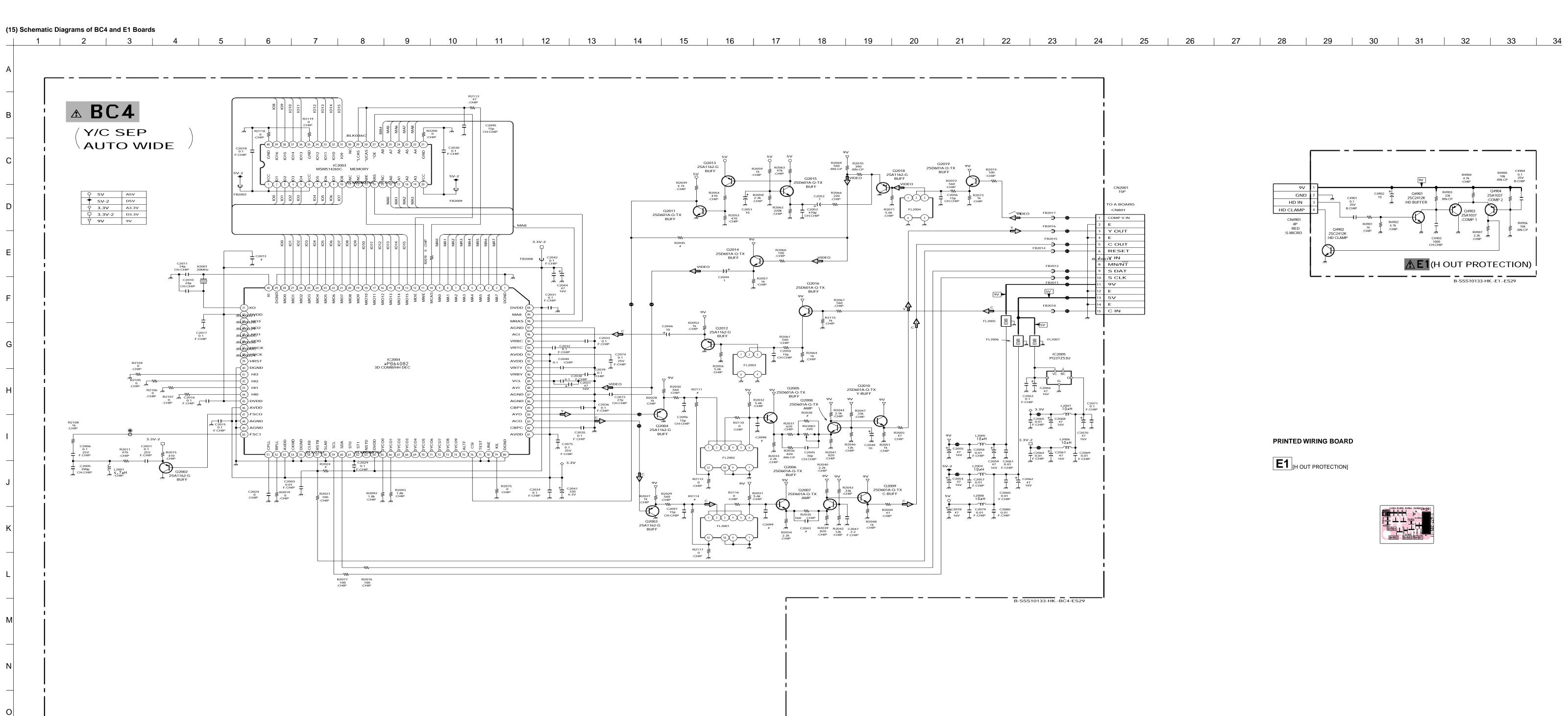
C8155 R8207 C8205
0.1 R8207 120p
25V 56k 120p
CH:CHIP :CHIP

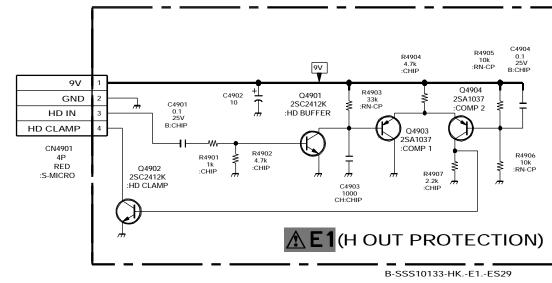
.BLK0238

8 7 6 5

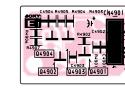
C8202
0.47
16V
B:CHIP

R8168 C8146 100 0.47 :CHIP 16V B:CHIP



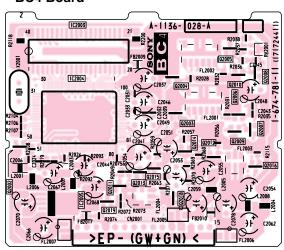


E1 [HOUT PROTECTION]

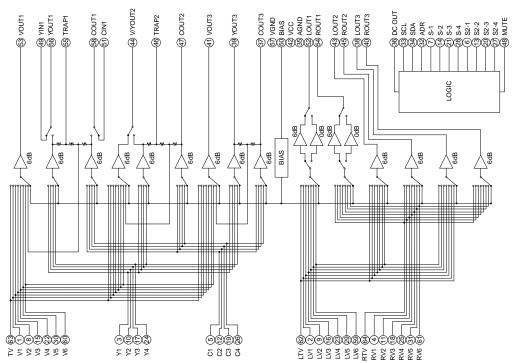




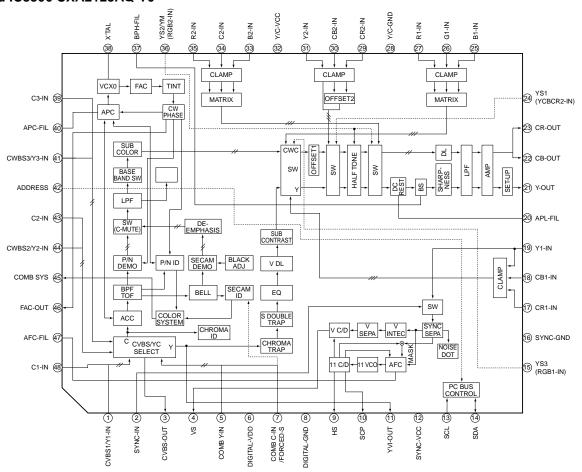
### - BC4 Board -

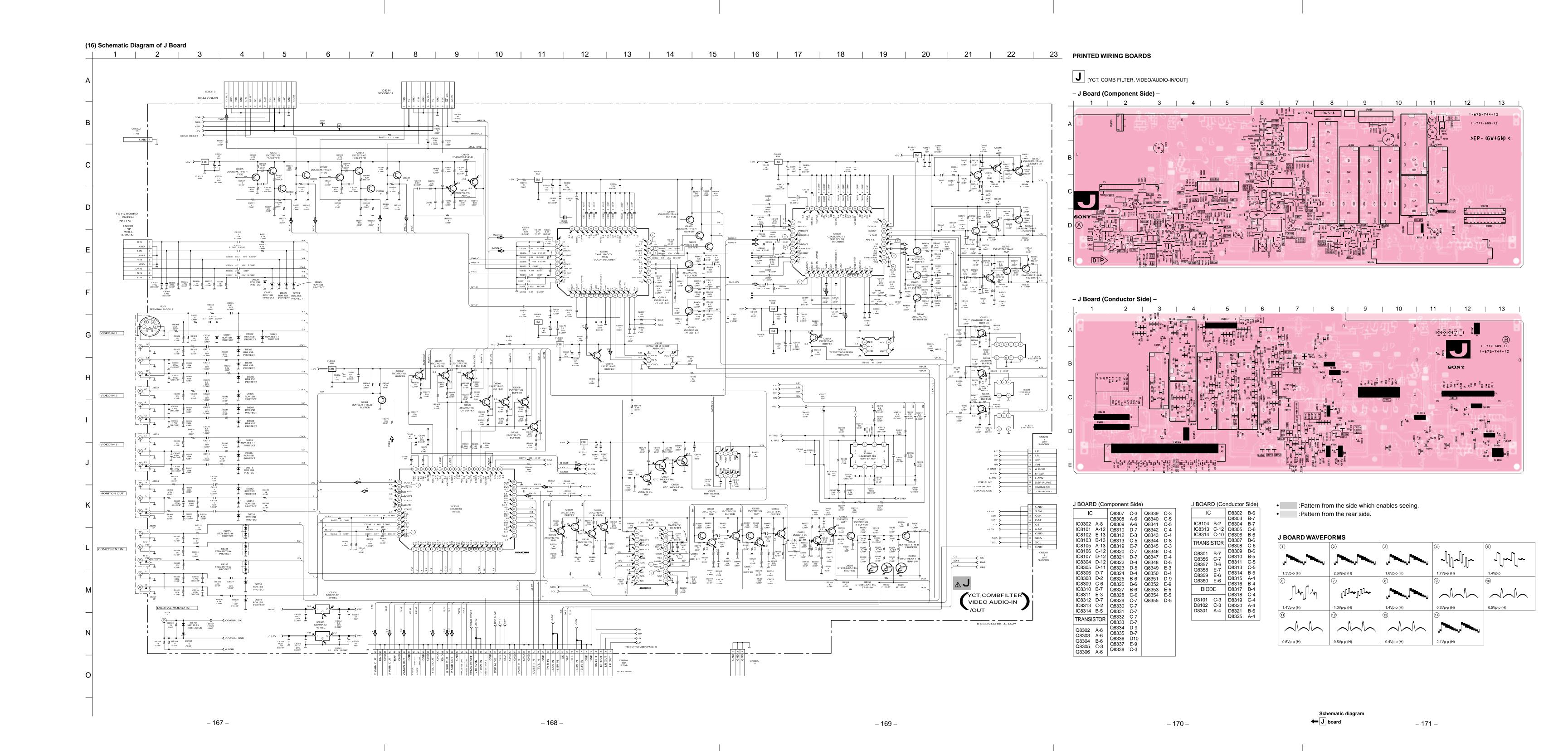


#### J Board IC8302 CXA2069Q

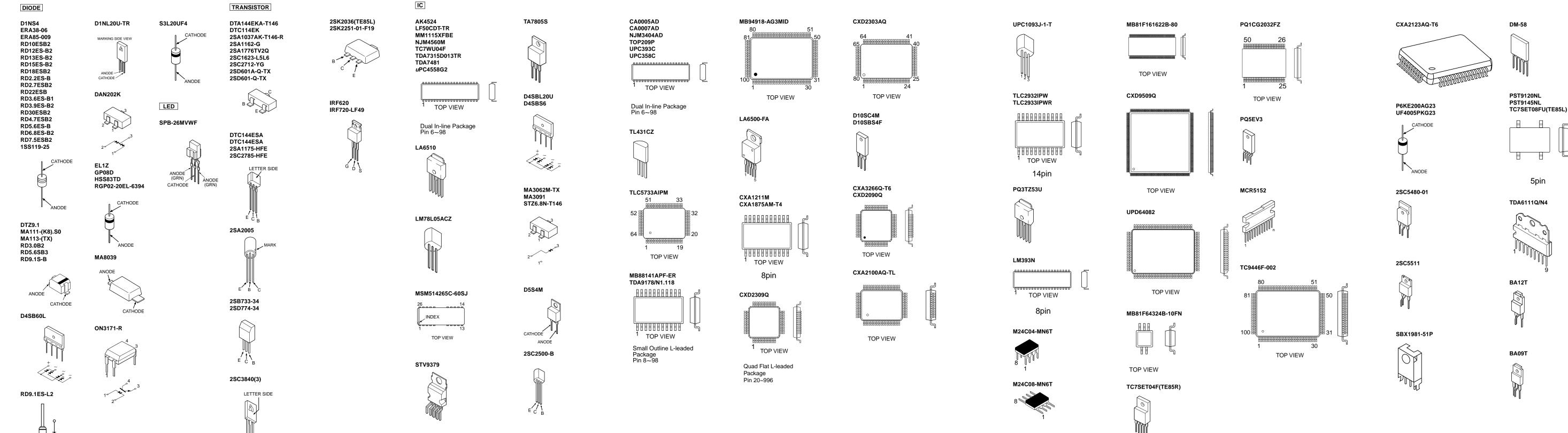


#### J Board IC8306 CXA2123AQ-T6





### 6-5. SEMICONDUCTORS



**– 172** –

**– 173** –

**– 174** –

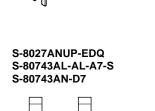
**– 175** –

**– 176** –

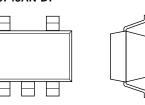
BA05FP-E2 BA05T



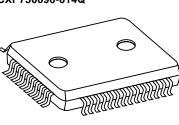












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# SECTION 7 EXPLODED VIEWS

#### NOTE:

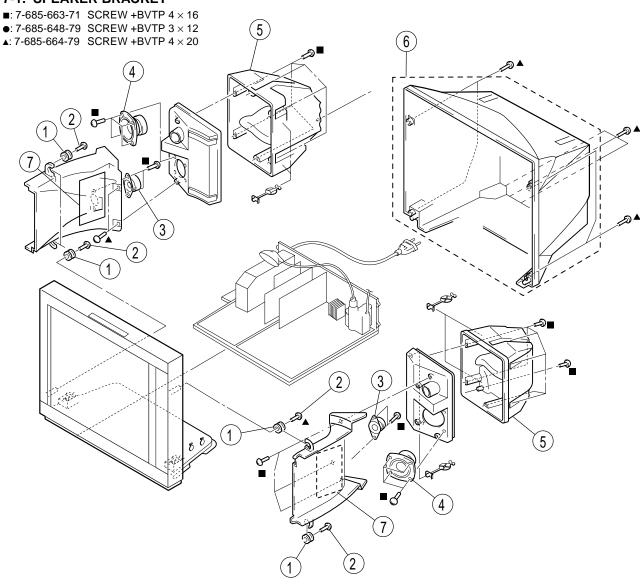
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  $\triangle$  are critical for safety.

Replace only with part number specified.

**CAUTION:** The aluminium frame must be connected to the ground with the ground cable from DH board. Failure to do so, may cause the user to suffer electric shock.

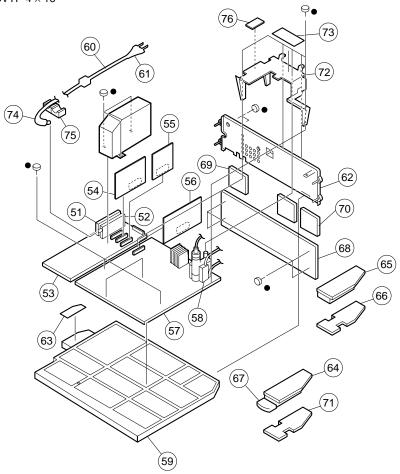
#### 7-1. SPEAKER BRACKET



REF.	NO. PART NO.	DESCRIPTION	REMARK
1	4-374-745-11	CUSHION (A)	
2	4-046-929-02	SCREW, TD+TWH 4X25	
3	1-529-532-11	SPEAKER (5CM)	
4	1-505-473-11	SPEAKER (12CM)	
5	* 4-071-302-01	DUCT, SPEAKER	
6	X-4036-878-1	COVER ASSY, REAR	
7	* 4-073-084-01	DUCT, CUSHION	

#### 7-2. CHASSIS

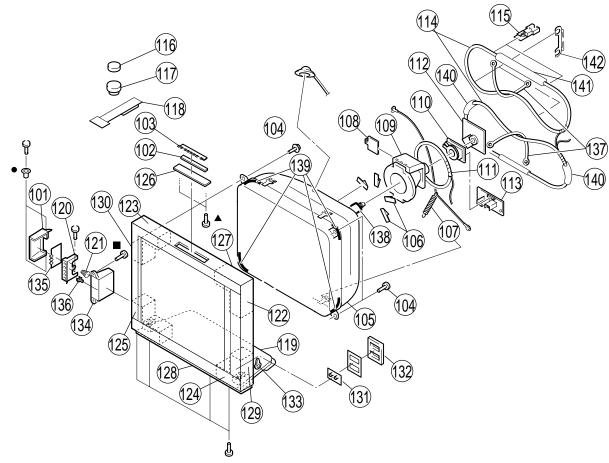
- ●: 7-685-648-71 SCREW +BVTP 3 × 12
- ■: 7-685-663-71 SCREW +BVTP 4 × 16



REF.	NO. PART NO.	DESCRIPTION	<u>REMARK</u>	REF. NO	O. PART NO.	DESCRIPTION	REMARK
51	8-598-452-30	TUNER, FSS BTF-WG442			* A-1241-402-A	F1 BOARD MOUNT	
52	8-598-508-10	TUNER, FSS BTF-LG436			* 4-071-307-01	HOLDER, F2/H1	
53 54		A BOARD COMPLETE B3 BOARD COMPLETE		65	* 4-071-307-01	HOLDER, F2/H1	
55	* A-1343-743-B	E BOARD MOUNT		66	* A-1372-728-A	H1 MOUNT	
				67	4-071-305-01	BUTTON, POWER	
56	* A-1343-742-A	D1 BOARD MOUNT		68	* A-1394-965-A	J BOARD COMPLETE	
57	* A-1346-882-A	D BOARD COMPLETE		69	* A-1299-092-A	A1 BOARD COMPLETE	
58	₾ 1-453-325-11	TRANSFORMER ASSY, FLYBACK (NX-	4522//J1B4)	70	* A-1136-069-A	BC4 COMPL	
59	* 4-071-314-01	BRACKET, MAIN					
60	△ 4-022-115-01	HOLDER, AC CORD			* A-1241-403-A	F2 BOARD MOUNT	
					* 4-071-316-01	SUPPORTER, PWB	
61	△ 1-792-002-11	CORD, POWER (WITH FILTER)		73	A-1343-791-A	DH MOUNT	
62	* 4-071-315-01	BRACKET, TERMINAL		74	1-790-082-11	CABLE RF	
02	4 0/1 313 01	BRACKET, TERMINAE		75	1-543-827-31	CLAMP, SLEEVE FERRITE	
				76	A-1343-817-A	E1 BOARD	

#### 7-3. PICTURE TUBE

- •: 7-685-648-71 SCREW +BVTP 3 × 12
- ■: 7-685-663-71 SCREW +BVTP 4 × 16
- ▲: 7-685-661-14 SCREW +BVTP 4 × 12



REF. N	IO. PART NO.	DESCRIPTION	REMARK	REF. N	O. PART NO.	DESCRIPTION	REMARK
101	4-071-308-01	DOOR, CONTROL		123	* 4-071-299-02	BRACKET (TL), CRT	
102	* A-1372-730-A	H3 BOARD MOUNT		124	* 4-071-300-02	BRACKET (BR), CRT	
103	4-071-312-02	BUTTON, TOP SW		125	* 4-071-301-02	BRACKET (BL), CRT	
104	4-046-765-02	SCREW, TAPPING 7+CROWN WASHE	ER				
105	△ 8-735-056-05	PICTURE TUBE (M68LNH070X)		126	* 4-071-311-01	HOLDER, H3	
		,		127	X-4037-416-1	FRAME SUB-ASSY, TOP	
106	3-703-961-01	SPACER, DY		128	X-4037-417-1	FRAME SUB-ASSY, BOTTOM	
107	4-369-318-61	SPRING, TENSION		129	X-4037-418-1	FRAME SUB-ASSY, RIGHT	
108	2-163-920-01	PLATE, TLH CORRECTION		130	X-4037-419-1	FRAME SUB-ASSY, LEFT	
109	△ 8-451-504-61	DEFLECTION YOKE (Y29RSC-S2)					
110	8-453-011-11	NA299-M		131	* 4-071-306-01	LIGHT, GUIDE	
				132	* 4-072-950-01	BRACKET, LIGHT GUIDE	
111	1-452-896-11	COIL, NA ROTATION (RT200)		133	* 4-073-080-01	FASTEN	
112	* A-1332-005-A	C BOARD MOUNT		134	* 4-071-310-03	BRACKET, SIDE	
113	* A-1342-515-A	VM BOARD MOUNT		135	* A-1372-729-A	H2 BOARD MOUNT	
114	₾ 1-419-294-11	COIL, DEGAUSSING		126	1 0 17 161 01	CATCHED DUGH	
115	* 4-062-970-01	CLIP (29RSN), DGC		136	4-047-464-01	CATCHER, PUSH	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		137	4-068-028-02	BAND, DGC	
116	1-452-032-00	MAGNET,DISC		138	7-651-302-30	TAPE, UL CLOTH (NO.160UL) 19X20N	VI
117	1-452-014-11	CIRCULAR DISC MAGNET B		139	4-075-189-01	TAPE, CRT	
118	4-051-734-21	PIECE B(120), CONV. CORRECT		140	* 4-074-513-01	CUSHION (L), DGC	
119	* 4-071-297-01	COVER, FRONT		1.41	* 4.062.025.02	CUCHION (50V550) DCC	
120	* X-4037-280-1	HOLDER ASSY, CONTROL		141 142	* 4-063-935-02 * 4-064-883-03	CUSHION (50X550), DGC HOLDER, DGC	
				142	* 4-004-883-03	HOLDER, DGC	
121	4-071-323-01	SPRING, CONE					
122	* 4-071-298-02	BRACKET (TR), CRT					

## **SECTION 8 ELECTRICAL PARTS LIST**



#### NOTE:

The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- $\bullet$  Items marked " \* " are not stocked since they  $\quad \bullet \quad$  All resistors are in ohms are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise COILS
- F: nonflammable

#### **CAPACITORS**

• MF :  $\mu$ F, PF :  $\mu\mu$ F

 $\bullet \;\; MMH:mH,\, UH:\mu H$ 

REF. NO. PART NO.		DESCRIPTION			REMARK	REF. NO	PART NO.	DESCRIPTION		REMARK	
	* A-1299-068-A	A BOARD COMP	LETE			C1206	1-126-965-11	ELECT	22MF	20%	50V
	11 12// 000 11	******				C1207	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V
						C1208	1-126-023-11	ELECT	100MF	20%	16V
	* 1-555-110-00	CABLE, PIN				C1209	1-164-505-11	CERAMIC CHIP	2.2MF		16V
	4-382-854-11	SCREW (M3X10).	P. SW (+)			C1210	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
	. 202 00 . 11	Serial (((ISIIIO))	, 1, 5 (.)			01210	1 10, 020 11	ozna mino omi	01171111	10,0	10 /
						C1211	1-163-989-11	CERAMIC CHIP	0.033MF	10%	25V
		<capacitor></capacitor>				C1212	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
						C1213	1-163-989-11	CERAMIC CHIP	0.033MF	10%	25V
C004	1-163-001-11	CERAMIC CHIP	220PF	10%	50V	C1214	1-126-055-11	ELECT	470MF	20%	50V
C005	1-163-001-11	CERAMIC CHIP	220PF	10%	50V	C1215	1-126-055-11	ELECT	470MF	20%	50V
C006	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V						
C007	1-126-933-11	ELECT	100MF	20%	16V	C1216	1-126-943-11	ELECT	2200MF	20%	25V
C009	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C1217	1-136-943-11	ELECT	2200MF	20%	25V
						C1219	1-126-961-11	ELECT	2.2MF	20%	50V
C010	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C1220	1-126-961-11	ELECT	2.2MF	20%	50V
C012	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C1221	1-126-933-11	ELECT	100MF	20%	16V
C013	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C014	1-126-967-11	ELECT	47MF	20%	50V	C1222	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
C015	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C1223	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
						C1224	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
C016	1-102-852-91	CERAMIC CHIP	47PF	5%	50V	C1225	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
C017	1-102-525-11	CERAMIC CHIP	68PF	5%	50V	C1241	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C018	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C019	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C1242	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C020	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C1243	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
						C1244	1-110-617-51	ELECT	2200MF	20%	50V
C021	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C1245	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C024	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C1246	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
C028	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V						
C030	1-126-960-11	ELECT	1MF	20%	50V	C1247	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C031	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V	C1248	1-110-617-51	ELECT	2200MF	20%	50V
						C1249	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C032	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C1251	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C033	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V	C1252	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C034	1-163-259-91	CERAMIC CHIP	220PF	5%	50V						
C103	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V	C1253	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C104	1-126-933-11	ELECT	100MF	20%	16V	C1255	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
						C1256	1-137-194-81	MYLAR	0.47MF	5%	50V
C107	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C1258	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C108	1-126-933-11	ELECT	100MF	20%	16V	C1259	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C109	1-163-005-11	CERAMIC CHIP	470PF	10%	50V						
C110	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C1260	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
C111	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	C1262	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
						C1263	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C112	1-126-933-11	ELECT	100MF	20%	16V	C1264	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C113	1-126-967-11	ELECT	47MF	20%	50V	C1265	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C114	1-126-967-11	ELECT	47MF	20%	50V						
C301	1-126-767-11	ELECT	1000MF	20%	16V	C1267	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C326	1-126-964-11	ELECT	10MF	20%	50V	C1268	1-137-194-81	MYLAR	0.47MF	5%	50V
						C1270	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C1201	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V	C1271	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C1202	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V	C1272	1-104-941-11	ELECT	470MF	20%	25V
C1203	1-164-505-11	CERAMIC CHIP	2.2MF		16V						
C1204	1-164-690-91	CERAMIC CHIP	0.0022MF	5%	50V	C1273	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C1205	1-164-690-91	CERAMIC CHIP	0.0022MF	5%	50V	C1274	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1275	1-163-007-11	CERAMIC CHIP	680PF	10%	50V			<connector></connector>	
C1276	1-163-007-11	CERAMIC CHIP	680PF	10%	50V			CONTIECTOR	
C1277	1-164-690-91	CERAMIC CHIP	0.0022MF	5%	50V	CN1100*	1-560-218-00	PIN, CONNECTOR	R 7P
C1277	1-164-690-91	CERAMIC CHIP	0.0022MF	5%	50V		1-695-299-11		OARD TO BOARD 50P
C1277	1-115-339-11	CERAMIC CHIP	0.0022IVII 0.1MF	10%	50V		1-695-915-11	TAB (CONTACT)	JAKD TO BOARD 301
C1201	1-113-339-11	CERAINIC CIII	O.HVII	1070	30 V		1-793-494-11		OARD TO BOARD 40P
C1282	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V		1-793-494-11	PLUG, CONNECT	
C1282	1-113-337-11	CERAMIC CHIP	0.0022MF	5%	50V	CIVIIOO	1-304-313-11	T LOO, CONNECT	OK 101
C1284	1-164-690-91	CERAMIC CHIP	0.0022MF	5%	50V 50V	CN1162	1-900-903-64	CONNECTOR ASS	SV 20D
C1285	1-126-933-11	ELECT	100MF	20%	16V		1-793-495-11		OARD TO BOARD 50P
C1286	1-126-933-11	ELECT	100MF	20%	16V 16V		1-793-493-11	PLUG, CONNECT	
C1260	1-120-933-11	ELECT	TOOMI	2070	10 V		1-564-513-11	PLUG, CONNECT	
C1287	1-163-251-11	CERAMIC CHIP	100PF	5%	50V		1-564-506-11	PLUG, CONNECT	
C1287	1-163-251-11	CERAMIC CHIP	100FF	5%	50 V	CIVITYS	1-304-300-11	I LUG, CONNECT	OK 31
C1289	1-163-251-11	CERAMIC CHIP	100FF	5%	50 V 50 V	CN1106*	1-508-797-00	PIN, CONNECTOR	D 4D
		CERAMIC CHIP	100FF	5%	50 V 50 V	CN1190	1-306-797-00	FIN, CONNECTOR	X 4F
C1290 C1291	1-163-251-11 1-163-251-11	CERAMIC CHIP	100PF 100PF	5%	50V 50V				
C1291	1-103-231-11	CERAMIC CHIP	100FF	370	30 V			COMPOSITION (	CIRCUIT BLOCK>
C1292	1-163-251-11	CERAMIC CHIP	100PF	5%	50V			COMPOSITION	CIRCUIT BLOCK>
C1292 C1297	1-105-251-11	MYLAR	1MF	5%	50 V 50 V	CP1300	1-251-658-31	SPLITTER RF	
C1297 C1298	1-136-177-00	MYLAR MYLAR	1MF	5%	50V 50V	CP1500	1-231-036-31	SPLITTER KF	
			100MF		30 V 16 V				
C1301 C1302	1-126-933-11	ELECT CERAMIC CHIR		20%				<diode></diode>	
C1302	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V			<diode></diode>	
C2200	1 126 064 11	ELECT	10MF	20%	50V	D001	8-719-073-01	DIODE MA111 (V	(P) CO
C2200 C2201	1-126-964-11 1-126-964-11	ELECT	10MF	20%	50V 50V	D001 D002	8-719-073-01	DIODE MA111-(K DIODE MA111-(K	
C2201 C2202		ELECT	10MF	20%	50V 50V	D002 D003		DIODE MA111-(K	*
C2202 C2203	1-126-964-11						8-719-073-01	,	<i>'</i>
C2203 C2204	1-126-963-11	ELECT CERAMIC CHIR	4.7MF 2.2MF	20% 10%	50V 6.3V	D004 D005	8-719-073-01	DIODE MA111-(K	
C2204	1-125-838-91	CERAMIC CHIP	Z.ZIVIF	10%	0.3 V	D003	8-719-073-01	DIODE MA111-(K	.6).50
C2205	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	D006	8-719-073-01	DIODE MA111-(K	.02 (8)
C2206	1-126-964-11	ELECT	10MF	20%	50V	D007	8-719-158-18	DIODE RD5.6SB3	
C2207	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	D013	8-719-158-18	DIODE RD5.6SB3	
C2208	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	D013	8-719-073-01	DIODE MA111-(K	
C2209	1-126-968-11	ELECT	100MF	20%	50V	D100	8-719-073-01	DIODE MA111-(K	
0220)	1 120 700 11	LLLCI	1001111	2070	301	2100	0 717 073 01	DIODE METITI (II	
C2600	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D300	8-719-073-01	DIODE MA111-(K	(8).S0
C2601	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D301	8-719-073-01	DIODE MA111-(K	
C2602	1-126-933-11	ELECT	100MF	20%	16V	D302	8-719-073-01	DIODE MA111-(K	*
C2603	1-126-933-11	ELECT	100MF	20%	16V	D317	8-719-073-01	DIODE MA111-(K	
C2605	1-126-925-11	ELECT	470MF	20%	10V	D1205	8-719-158-35	DIODE RD9.1SB	,
C2606	1-164-344-11	CERAMIC CHIP	0.068MF	10%	25V	D1208	8-719-073-01	DIODE MA111-(K	(8).S0
C2608	1-126-916-11	ELECT	1000MF	20%	6.3V	D1209	8-719-073-01	DIODE MA111-(K	(8).S0
C2609	1-126-935-11	ELECT	470MF	20%	6.3V	D2200	8-719-158-35	DIODE RD9.1SB	
C2610	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D2201	8-719-158-35	DIODE RD9.1SB	
C2611	1-126-934-11	ELECT	220MF	20%	16V	D2600	8-719-500-70	DIODE D5S4M	
C2612	1-104-665-11	ELECT	100MF	20%	25V				
C2613	1-104-665-11	ELECT	100MF	20%	25V			<ferrite bead<="" td=""><td>&gt;</td></ferrite>	>
C2614	1-126-925-11	ELECT	470MF	20%	10V				
C3330	1-107-725-11	CERAMIC CHIP	0.1MF	10%	16V	FB001	1-414-233-22	INDUCTOR CHIP	
C3331	1-126-933-11	ELECT	100MF	20%	16V	FB002	1-414-233-22	INDUCTOR CHIP	
						FB003	1-414-233-22	INDUCTOR CHIP	
C3336	1-126-933-11	ELECT	100MF	20%	16V	FB004	1-414-233-22	INDUCTOR CHIP	
C3338	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	FB005	1-414-233-22	INDUCTOR CHIP	0UH
C3350	1-163-005-11	CERAMIC CHIP	470PF	10%	50V				
C3351	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	FB006	1-414-233-22	INDUCTOR CHIP	
C3352	1-163-005-11	CERAMIC CHIP	470PF	10%	50V	FB007	1-414-233-22	INDUCTOR CHIP	
						FB008	1-414-233-22	INDUCTOR CHIP	
C3353	1-126-933-11	ELECT	100MF	20%	16V	FB1205	1-410-397-21	FERRITE	1.1UH
C3354	1-126-967-11	ELECT	47MF	20%	50V	FB1206	1-410-397-21	FERRITE	1.1UH
C3355	1-126-967-11	ELECT	47MF	20%	50V				
						FB1207	1-410-397-21	FERRITE	1.1UH
						FB1208	1-410-397-21	FERRITE	1.1UH
						FB1300	1-216-295-91	SHORT	0



REF. NO	. PART NO.	DESCRIPTION		REMARK	REF. NO	. PART NO.	DESCRIPTION			REMARK
	_	<pre><filter></filter></pre>				-	<ic link=""></ic>			
EL 001	1 026 071 11	ENCADELII ATED	COMPONENT		DC1201	1 522 (0( 21	I INIV 10 2 74/15	077		
FL001	1-236-071-11	ENCAPSULATED	COMPONENT		PS1201	1-532-686-21 1-532-686-21	LINK, IC 2.7A/15			
					PS1202		LINK, IC 2.7A/15			
		10			PS1203	1-532-686-21	LINK, IC 2.7A/15			
		<ic></ic>			PS1204	1-532-686-21	LINK, IC 2.7A/15	0V		
IC001	8-752-910-26	IC CXP750096-012	20							
IC001 IC002	8-759-042-02	IC S-80743AL-A7-					<transistor></transistor>			
IC002	8-759-527-76	IC M24C08-MN6T					\TKANSISTOK>			
IC003	8-759-527-75	IC M24C08-MN67			Q001	8-729-026-49	TRANSISTOR 2S	A 1027 A I/ T1	16 D	
IC100		IC S-80743AL-A7-			-		TRANSISTOR 2S		40-K	
IC100	8-759-042-02	IC 3-60/43AL-A/-	-S		Q002 Q003	8-729-230-49 8-729-230-49				
IC1201	0.750.072.10	IC TD 4 7215 D012	rn.		-		TRANSISTOR 2S			
IC1201	8-759-273-12	IC TDA7315D0137	IK		Q004	8-729-230-49	TRANSISTOR 2S		16 D	
IC1203	8-759-553-45	IC TDA7481			Q005	8-729-026-49	TRANSISTOR 2S	A103/AK-T1	46-R	
IC1204	8-759-553-45	IC TDA7481								
IC1205	8-759-100-96	IC UPC4558G2			Q006	8-729-026-49	TRANSISTOR 2S			
IC2200	8-759-745-64	IC NJM4560M			Q007	8-729-026-49	TRANSISTOR 2S	A1037AK-T1	46-R	
					Q101	8-729-026-49	TRANSISTOR 2S	A1037AK-T1	46-R	
IC2600	8-759-394-36	IC BA09T			Q301	8-729-026-49	TRANSISTOR 2S	A1037AK-T1	46-R	
IC2601	8-759-450-47	IC BA05T			Q313	8-729-230-49	TRANSISTOR 2S	C2712-YG		
IC2603	8-759-640-19	IC PQ1CG2032FZ								
IC2604	8-759-644-37	IC PQ5EV3			Q1205	1-801-806-11	TRANSISTOR D	ГС144ЕКА-Т	146	
					Q1206	8-729-230-49	TRANSISTOR 2S	C2712-YG		
					Q1207	8-729-230-49	TRANSISTOR 2S			
		<chip conduct<="" td=""><td>TOR&gt;</td><td></td><td>Q1209</td><td>8-729-230-49</td><td>TRANSISTOR 2S</td><td></td><td></td><td></td></chip>	TOR>		Q1209	8-729-230-49	TRANSISTOR 2S			
					Q1210	8-729-230-49	TRANSISTOR 2S			
JR001	1-216-295-91	SHORT	0		<b>(</b>					
JR002	1-216-295-91	SHORT	0		Q1211	8-729-026-49	TRANSISTOR 2S	A1037AK-T1	46-R	
JR102	1-216-295-91	SHORT	0		Q2200	1-801-806-11	TRANSISTOR D			
JR107	1-216-295-91	SHORT	0		Q2201	1-801-806-11	TRANSISTOR D			
JR1301	1-216-295-91	SHORT	0		Q3300	8-729-026-49	TRANSISTOR 2S			
JK1501	1-210-293-91	SHOKI	U		Q3300	0-729-020-49	TRANSISTOR 25	A103/AK-11	40-IX	
JR2601	1-216-295-91	SHORT	0							
							<resistor></resistor>			
		<coil></coil>			R001	1-216-033-00	RES,CHIP	220	5%	1/10W
					R002	1-216-033-00	RES,CHIP	220	5%	1/10W
L001	1-414-856-11	INDUCTOR	10UH		R004	1-216-025-91	RES,CHIP	100	5%	1/10W
L002	1-414-856-11	INDUCTOR	10UH		R005	1-216-025-91	RES,CHIP	100	5%	1/10W
L003	1-414-751-11	INDUCTOR	1UH		R006	1-216-033-00	RES,CHIP	220	5%	1/10W
L005	1-414-856-11	INDUCTOR	10UH		1000	1 210 033 00	пав,сти	220	570	1/10//
L101	1-414-856-11	INDUCTOR	10UH		R008	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
P101	1 717-030-11	LIDUCION	10011		R010	1-216-057-00	RES,CHIP	4.7K 2.2K	5%	1/10W 1/10W
L102	1-414-856-11	INDUCTOR	10UH		R010	1-216-057-00	RES,CHIP	2.2K 4.7K	5%	1/10W 1/10W
L102 L103	1-414-856-11	INDUCTOR	10UH 10UH		R011 R012	1-216-063-91	RES,CHIP	4.7K 2.2K	5% 5%	1/10W 1/10W
L103 L104	1-414-856-11	INDUCTOR	10UH		R012 R013	1-216-057-00		2.2K 4.7K		1/10W 1/10W
					KUIS	1-210-003-91	RES,CHIP	4./K	5%	1/10 W
L105	1-414-856-11	INDUCTOR	10UH		D014	1 016 007 01	DEC CHIP	100	E0/	1/10337
L1201	1-414-187-11	INDUCTOR	47UH		R014	1-216-025-91	RES,CHIP	100	5%	1/10W
T 1000	1 414 055 14	DIDLICTOR	CELIII.		R015	1-216-025-91	RES,CHIP	100	5%	1/10W
L1202	1-416-857-11	INDUCTOR	65UH		R016	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
L1203	1-416-857-11	INDUCTOR	65UH		R017	1-216-049-91	RES,CHIP	1K	5%	1/10W
L1204	1-416-966-11	INDUCTOR	0UH		R018	1-216-045-00	RES,CHIP	680	5%	1/10W
L1205	1-416-966-11	INDUCTOR	0UH							
L1300	1-414-856-11	INDUCTOR	10UH		R019	1-216-049-91	RES,CHIP	1K	5%	1/10W
					R020	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
L2600	1-419-249-11	INDUCTOR	15UH		R021	1-216-295-91	SHORT	0		
L2601	1-419-249-11	INDUCTOR	15UH		R022	1-216-033-00	RES,CHIP	220	5%	1/10W
L2602	1-412-525-31	INDUCTOR	10UH		R023	1-216-025-91	RES,CHIP	100	5%	1/10W
L2603	1-412-525-31	INDUCTOR	10UH							
L3302	1-414-856-11	INDUCTOR	10UH		R024	1-216-063-91	RES,CHIP	3.9K	5%	1/10W
					R025	1-216-033-00	RES,CHIP	220	5%	1/10W
L3303	1-414-856-11	INDUCTOR	10UH		R026	1-216-033-00	RES,CHIP	220	5%	1/10W
L3304	1-414-856-11	INDUCTOR	10UH		R027	1-216-049-91	RES,CHIP	1K	5%	1/10W
L3305	1-414-856-11	INDUCTOR	10UH		R028	1-216-049-91	RES,CHIP	1K	5%	1/10W
L3306	1-414-856-11	INDUCTOR	10UH		11020	1 210 0 10 01	,	***	570	2, 2011
LJJ00	1 717 050-11	LIDUCION	10011		R029	1-216-049-91	RES,CHIP	1K	5%	1/10W
					R029	1-216-049-91	RES,CHIP	220	5%	1/10W 1/10W
					1031	1-210-033-00	KLD,CIIII	220	570	1/10 **



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO	PART NO.	DESCRIPTION			REMARK
R032	1-216-049-91	RES,CHIP	1K	5%	1/10W	R091	1-216-025-91	RES,CHIP	100	5%	1/10W
R033	1-216-033-00	RES,CHIP	220	5%	1/10W	R092	1-216-033-00	RES,CHIP	220	5%	1/10W
R035	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	110,2	1 210 000 00	nes,em		270	1,10
						R093	1-216-073-00	RES,CHIP	10K	5%	1/10W
R036	1-216-033-00	RES,CHIP	220	5%	1/10W	R094	1-216-073-00	RES,CHIP	10K	5%	1/10W
R037	1-216-033-00	RES,CHIP	220	5%	1/10W	R095	1-216-049-91	RES,CHIP	1K	5%	1/10W
R038	1-216-045-00	RES,CHIP	680	5%	1/10W	R096	1-216-049-91	RES,CHIP	1K	5%	1/10W
R039	1-216-025-91	RES,CHIP	100	5%	1/10W	R097	1-216-025-91	RES,CHIP	100	5%	1/10W
R040	1-216-033-00	RES,CHIP	220	5%	1/10W	10077	1 210 023 71	пьо,сти	100	570	1,1011
1010	1 210 033 00	RES,CIII	220	570	1/1011	R098	1-216-025-91	RES,CHIP	100	5%	1/10W
R041	1-216-025-91	RES,CHIP	100	5%	1/10W	R099	1-216-025-91	RES.CHIP	100	5%	1/10W
R042	1-216-295-91	SHORT	0	370	1/1011	R101	1-216-025-91	RES,CHIP	100	5%	1/10W
R043	1-216-025-91	RES,CHIP	100	5%	1/10W	R102	1-216-025-91	RES,CHIP	100	5%	1/10W
R044	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R105	1-216-295-91	SHORT	0	370	1/10 **
R045	1-216-065-91	RES,CHIP	4.7K 4.7K	5%	1/10W 1/10W	K103	1-210-293-91	SHOKI	U		
K043	1-210-005-91	KES,CIII	4./K	370	1/10 W	R109	1-216-041-00	RES,CHIP	470	5%	1/10W
R046	1-216-033-00	RES,CHIP	220	5%	1/10W	R110	1-216-041-00	RES,CHIP	560	5%	1/10W 1/10W
R040 R047	1-216-033-00	RES,CHIP	220	5%	1/10W 1/10W	R111	1-216-043-91	RES,CHIP	100	5%	1/10W 1/10W
R047 R048	1-216-033-00	RES,CHIP	10K		1/10W 1/10W	R112	1-216-025-91	RES,CHIP	100	5%	1/10W 1/10W
		,		5%				,			
R051	1-216-049-91	RES,CHIP	1K	5%	1/10W	R116	1-216-025-91	RES,CHIP	100	5%	1/10W
R052	1-216-049-91	RES,CHIP	1K	5%	1/10W	D117	1 21 6 025 01	DEC CIUD	100	50/	1/10337
D052	1 216 040 01	DEC CIUD	117	50/	1/10337	R117	1-216-025-91	RES,CHIP	100	5%	1/10W
R053	1-216-049-91	RES,CHIP	1K	5%	1/10W	R118	1-216-025-91	RES,CHIP	100	5%	1/10W
R054	1-216-033-00	RES,CHIP	220	5%	1/10W	R301	1-216-113-00	RES,CHIP	470K	5%	1/10W
R055	1-216-295-91	SHORT	0			R302	1-216-089-91	RES,CHIP	47K	5%	1/10W
R056	1-216-295-91	SHORT	0			R303	1-216-089-91	RES,CHIP	47K	5%	1/10W
R057	1-216-295-91	SHORT	0			D.1001	4 24 5 022 00	DEG CITE	220		4 /4 0777
D050	1 21 6 20 5 01	CHODE	0			R1201	1-216-033-00	RES,CHIP	220	5%	1/10W
R058	1-216-295-91	SHORT	0	<b>-</b> 0.	4 /4 0377	R1202	1-216-033-00	RES,CHIP	220	5%	1/10W
R059	1-216-033-00	RES,CHIP	220	5%	1/10W	R1203	1-216-079-00	RES,CHIP	18K	5%	1/10W
R060	1-216-033-00	RES,CHIP	220	5%	1/10W	R1204	1-216-079-00	RES,CHIP	18K	5%	1/10W
R061	1-216-025-91	RES,CHIP	100	5%	1/10W	R1205	1-216-089-91	RES,CHIP	47K	5%	1/10W
R062	1-216-049-91	RES,CHIP	1K	5%	1/10W						
						R1206	1-216-089-91	RES,CHIP	47K	5%	1/10W
R063	1-216-025-91	RES,CHIP	100	5%	1/10W	R1236	1-208-808-11	METAL CHIP	12K		1/10W
R064	1-216-025-91	RES,CHIP	100	5%	1/10W	R1237	1-216-085-00	RES,CHIP	33K	5%	1/10W
R065	1-216-045-00	RES,CHIP	680	5%	1/10W	R1238	1-216-081-00	RES,CHIP	22K	5%	1/10W
R066	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1239	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R067	1-216-073-00	RES,CHIP	10K	5%	1/10W						
						R1240	1-216-085-00	RES,CHIP	33K	5%	1/10W
R068	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1241	1-216-073-00	RES,CHIP	10K	5%	1/10W
R069	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R1242	1-216-073-00	RES,CHIP	10K	5%	1/10W
R070	1-216-033-00	RES,CHIP	220	5%	1/10W	R1244	1-216-073-00	RES,CHIP	10K	5%	1/10W
R071	1-216-025-91	RES,CHIP	100	5%	1/10W	R1246	1-208-808-11	METAL CHIP	12K	0.50%	1/10W
R072	1-216-025-91	RES,CHIP	100	5%	1/10W						
						R1247	1-216-085-00	RES,CHIP	33K	5%	1/10W
R073	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	R1248	1-216-075-00	RES,CHIP	12K	5%	1/10W
R074	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	R1249	1-216-025-91	RES,CHIP	100	5%	1/10W
R075	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	R1250	1-216-063-91	RES,CHIP	3.9K	5%	1/10W
R076	1-216-025-91	RES,CHIP	100	5%	1/10W	R1252	1-216-073-00	RES,CHIP	10K	5%	1/10W
R077	1-216-025-91	RES,CHIP	100	5%	1/10W						
						R1253	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R078	1-216-025-91	RES,CHIP	100	5%	1/10W	R1254	1-216-075-91	RES,CHIP	12K	5%	1/10W
R079	1-216-025-91	RES,CHIP	100	5%	1/10W	R1255	1-216-075-91	RES,CHIP	12K	5%	1/10W
R080	1-216-063-91	RES,CHIP	3.9K	5%	1/10W	R1256	1-216-073-00	RES,CHIP	10K	5%	1/10W
R081	1-216-025-91	RES,CHIP	100	5%	1/10W	R1257	1-216-025-91	RES,CHIP	100	5%	1/10W
R082	1-216-041-00	RES,CHIP	470	5%	1/10W						
						R1258	1-216-075-00	RES,CHIP	12K	5%	1/10W
R083	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1259	1-216-073-00	RES,CHIP	10K	5%	1/10W
R084	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1260	1-216-029-00	RES,CHIP	150	5%	1/10W
R085	1-208-798-11	METAL CHIP	4.7K		1/10W	R1261	1-216-029-00	RES,CHIP	150	5%	1/10W
R086	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1264	1-216-041-00	RES,CHIP	470	5%	1/10W
R087	1-216-033-00	RES,CHIP	220	5%	1/10W						
		•				R1265	1-216-041-00	RES,CHIP	470	5%	1/10W
R088	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1266	1-216-049-91	RES,CHIP	1K	5%	1/10W
R089	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1267	1-216-077-91	RES,CHIP	15K	5%	1/10W
R090	1-216-025-91	RES,CHIP	100	5%	1/10W	R1269	1-216-025-91	RES,CHIP	100	5%	1/10W
	/1	,				R1270	1-216-089-91	RES,CHIP	47K	5%	1/10W
						I		·- , - <del></del>	-		



REF. NO. PART NO.		DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK	
R1271	1-216-049-91	RES,CHIP	1K	5%	1/10W	*	A-1299-092-A	A1 BOARD COME	PLETE		
R1272	1-216-049-91	RES,CHIP	1K	5%	1/10W			******	****		
R1273	1-216-065-91	RES,CHIP	4.7K	5%	1/10W						
R1275	1-216-081-00	RES,CHIP	22K	5%	1/10W						
R1276	1-216-081-00	RES,CHIP	22K	5%	1/10W			<capacitor></capacitor>			
K1270	1-210-001-00	KE3,CIII	22K	370	1/10 W			CAIACITOR			
R1277	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C8103	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R1278	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	C8104	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R1279	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	C8105	1-126-933-11	ELECT	100MF	20%	16V
R1280	1-216-029-00	RES,CHIP	150	5%	1/10W	C8106	1-126-933-11	ELECT	100MF	20%	16V
R1281	1-216-029-00	RES,CHIP	150	5%	1/10W	C8107	1-104-665-11	ELECT	100MF	20%	25V
KIZOI	1 210 027 00	RES,CIII		570	1/1011	Color		EEECT	1001/11	2070	
R1283	1-216-295-91	SHORT	0			C8108	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
R1284	1-216-295-91	SHORT	0			C8109	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R1286	1-216-073-00	RES,CHIP	10K	5%	1/10W	C8110	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R2200	1-216-021-00	RES,CHIP	68	5%	1/10W	C8111	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R2201	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C8112	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
112201	1 210 003 71	RES,CIII	1.712	570	1,1011	60112	1 105 001 11	CERTIFIC CITI	22011	1070	301
R2202	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C8113	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R2203	1-216-021-00	RES,CHIP	68	5%	1/10W	C8114	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R2204	1-216-073-00	RES,CHIP	10K	5%	1/10W	C8115	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R2205	1-216-097-91	RES,CHIP	100K	5%	1/10W	C8116	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
R2206	1-216-117-00	RES,CHIP	680K	5%	1/10W	C8117	1-126-382-11	ELECT	100MF	20%	16V
R2200	1 210 117 00	KLS,CIII	0001	370	1/10**	C0117	1 120 302 11	LLLC I	1001111	2070	10 7
R2207	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C8118	1-127-532-11	ELECT	47MF	20%	6.3V
R2208	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C8119	1-126-795-11	ELECT	10MF	20%	25V
R2209	1-216-117-00	RES,CHIP	680K	5%	1/10W	C8120	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
R2210	1-216-089-91	RES,CHIP	47K	5%	1/10W	C8121	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
R2211	1-216-097-91	RES,CHIP	100K	5%	1/10W	C8122	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
R2211	1 210 077 71	KLS,CIII	1001	370	1/10**	C0122	1 125 050 71	CLIC WITE CITI	2.2.111	10/0	0.5 ¥
R2212	1-216-073-00	RES,CHIP	10K	5%	1/10W	C8123	1-127-532-11	ELECT	47MF	20%	6.3V
R2213	1-216-089-91	RES,CHIP	47K	5%	1/10W	C8124	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R2214	1-216-089-91	RES,CHIP	47K	5%	1/10W	C8125	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R2215	1-216-089-91	RES,CHIP	47K	5%	1/10W	C8126	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R2600	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C8127	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
K2000	1-210-003-71	KL5,CIII	7./K	370	1/10**	C0127	1-103-233-11	CLICAIVIIC CIIII	2211	370	30 <b>v</b>
R2601	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W	C8128	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
R2602	1-208-781-11	METAL CHIP	910	0.50%	1/10W	C8129	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R2603	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W	C8130	1-126-382-11	ELECT	100MF	20%	16V
R2604	1-208-790-11	METAL CHIP	2.2K		1/10W	C8131	1-126-382-11	ELECT	100MF	20%	16V
R3300	1-216-043-91	RES,CHIP	560	5%	1/10W	C8132	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V
K3300	1 210 043 71	KLS,CIII	300	370	1/10**	C0132	1 125 050 71	CLIC WIFE CITI	2.2.111	10/0	0.5 ¥
R3320	1-216-073-00	RES,CHIP	10K	5%	1/10W	C8133	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R3323	1-216-025-91	RES,CHIP	100	5%	1/10W	C8134	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
R3334	1-216-025-91	RES,CHIP	100	5%	1/10W	C8135	1-126-382-11	ELECT	100MF	20%	16V
R3362	1-216-025-91	RES,CHIP	100	5%	1/10W	C8136	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R3374	1-216-295-91	SHORT	0			C8137	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
10071	1 210 270 71	SHOTH	Ü			00107	1 100 201 11		10011	570	
						C8138	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
		<variable resi<="" td=""><td>STOR&gt;</td><td></td><td></td><td>C8139</td><td>1-163-251-11</td><td>CERAMIC CHIP</td><td>100PF</td><td>5%</td><td>50V</td></variable>	STOR>			C8139	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
						C8140	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
RV3300	1-238-597-11	RES, ADJ, CARBO	N 1K			C8141	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
						C8142	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
		ZTI INIED S				C0142	1 162 021 01	CED AMIC CHID	0.01ME	100/	501/
		<tuner></tuner>				C8143	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						C8144	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
TU101	8-598-452-30	TUNER, FSS BTF-				C8145	1-163-233-11	CERAMIC CHIP	18PF	5%	50V
TU3301	8-598-508-10	TUNER, FSS BTF-	LG436			C8146	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
						C8147	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
		<crystal></crystal>				C8150	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C8155	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
X001	1-567-928-11	VIBLATOR, CERA	MIC			C8161	1-126-382-11	ELECT	100MF	20%	16V
11001	1 007 720 11	. I.J. II OII, CLIM				C8162	1-164-505-11	CERAMIC CHIP	2.2MF	2070	16V 16V
						C8162	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
								, Oili		-0,0	
******	*********	*******	*****	******	*****	C8166	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
						C8167	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						1					



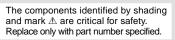
REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C8168	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V			<filter></filter>			
C8197	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	FF 0400			_		
C8198	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	FL8100	1-234-177-21	FILTER, CHIP EM			
C0100	1 164 004 11	CED AMIC CHID	0.1ME	100/	2537	FL8101	1-234-177-21	FILTER, CHIP EM			
C8199 C8200	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	FL8102	1-234-177-21	FILTER, CHIP EM	l		
C8200 C8201	1-216-295-91 1-216-295-91	SHORT SHORT	0								
C8201	1-210-293-91	CERAMIC CHIP	0.47MF	10%	16V			<ic></ic>			
C8202	1-163-021-91	CERAMIC CHIP	0.47MF	10%	50V			(IC)			
C0203	1-103-021-71	CERAINIC CIII	0.011111	1070	30 <b>v</b>	IC8102	8-759-576-72	IC LF50CDT-TR			
C8204	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V	IC8102	8-759-579-68	IC AK4524			
C8205	1-163-253-11	CERAMIC CHIP	120PF	5%	50V	IC8104	8-759-542-87	IC S-80827ANUP-I	EDO-T2		
C8206	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	IC8105	8-759-651-20	IC TC9446F-002	(		
C8207	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	IC8106	8-759-242-70	IC TC7WU04F			
C8208	1-163-251-11	CERAMIC CHIP	100PF	5%	50V						
						IC8107	8-759-459-69	IC S-80743AN-D7			
C8209	1-163-251-11	CERAMIC CHIP	100PF	5%	50V						
C8210	1-163-251-11	CERAMIC CHIP	100PF	5%	50V						
C8211	1-115-340-11	CERAMIC CHIP	0.22MF	10%	25V			<coil></coil>			
C8212	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V						
C8213	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	L8100	1-412-026-11	INDUCTOR CHIP			
						L8101	1-412-026-11	INDUCTOR CHIP			
C8214	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	L8102	1-412-026-11	INDUCTOR CHIP			
C8215	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	L8103	1-412-026-11	INDUCTOR CHIP			
C8216	1-125-838-91	CERAMIC CHIP	2.2MF	10%	6.3V	L8104	1-412-026-11	INDUCTOR CHIP	IUH		
C8217 C8218	1-125-838-91 1-163-251-11	CERAMIC CHIP CERAMIC CHIP	2.2MF 100PF	10% 5%	6.3V 50V	L8105	1-412-026-11	INDUCTOR CHIP	11111		
C0210	1-103-231-11	CERAMIC CHIP	100FT	370	30 <b>v</b>	L0103	1-412-020-11	INDUCTOR CHIP	топ		
		<connector></connector>						<resistor></resistor>			
CN8100	1-793-867-11	PIN, CONNECTOR	R (PC BORA	D)	10P	R8101	1-216-295-91	SHORT	0		
	1-793-867-11	PIN, CONNECTOR	*		10P	R8102	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
		,,	( -	,		R8103	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
						R8106	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
		<diode></diode>				R8107	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
D8102	1-216-295-91	SHORT	0			R8108	1-216-025-91	RES,CHIP	100	5%	1/10 <b>W</b>
						R8109	1-216-025-91	RES,CHIP	100	5%	1/10W
						R8110	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
		<ferrite bead<="" td=""><td>&gt;</td><td></td><td></td><td>R8111</td><td>1-216-065-91</td><td>RES,CHIP</td><td>4.7K</td><td>5%</td><td>1/10W</td></ferrite>	>			R8111	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
ED0100	1 216 205 01	CHODT	0			R8112	1-216-073-00	RES,CHIP	10K	5%	1/10W
FB8100 FB8101	1-216-295-91 1-216-295-91	SHORT SHORT	0			R8113	1-216-073-00	RES,CHIP	10K	5%	1/10W
	1-216-295-91	SHORT	0			R8114	1-216-073-00	RES,CHIP	2.2K	5% 5%	1/10W 1/10W
FB8102	1-216-295-91	SHORT	0			R8115	1-216-057-00	RES,CHIP	2.2K 2.2K	5% 5%	1/10W 1/10W
FB8104	1-414-598-11	INDUCTOR CHIP				R8116	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
120101	1 111 070 11	n ib coron cim	0011			R8117	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
FB8105	1-216-295-91	SHORT	0								
FB8106	1-414-598-11	INDUCTOR CHIP				R8118	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
FB8108	1-414-598-11	INDUCTOR CHIP	0UH			R8119	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
FB8109	1-414-598-11	INDUCTOR CHIP	0UH			R8120	1-216-049-91	RES,CHIP	1K	5%	1/10W
FB8110	1-414-598-11	INDUCTOR CHIP	0UH			R8121	1-216-025-91	RES,CHIP	100	5%	1/10W
						R8122	1-216-025-91	RES,CHIP	100	5%	1/10W
FB8111	1-414-598-11	INDUCTOR CHIP									
FB8112	1-414-598-11	INDUCTOR CHIP				R8123	1-216-009-91	RES,CHIP	22	5%	1/10W
FB8113	1-414-598-11	INDUCTOR CHIP				R8124	1-216-009-91	RES,CHIP	22	5%	1/10W
FB8114	1-414-598-11	INDUCTOR CHIP				R8125	1-216-009-91	RES,CHIP	22	5%	1/10W
FB8115	1-414-598-11	INDUCTOR CHIP	UUH			R8126 R8127	1-216-009-91	RES,CHIP	22	5% 5%	1/10W
FB8116	1-414-598-11	INDUCTOR CHIP	0UH			K012/	1-216-025-91	RES,CHIP	100	5%	1/10W
FB8117	1-414-598-11	INDUCTOR CHIP				R8128	1-216-025-91	RES,CHIP	100	5%	1/10W
FB8118	1-414-598-11	INDUCTOR CHIP				R8129	1-216-009-91	RES,CHIP	22	5%	1/10W
FB8119	1-414-598-11	INDUCTOR CHIP				R8131	1-216-295-91	SHORT	0		
FB8120	1-414-598-11	INDUCTOR CHIP				R8133	1-216-129-00	RES,CHIP	2.2M	5%	1/10W
						R8134	1-216-295-91	SHORT	0		
FB8121	1-414-598-11	INDUCTOR CHIP	0UH								
						1					



R	REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
p	88135	1-216-295-91	SHORT	0			C320	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	8137	1-216-295-91	SHORT	0			C320	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	8138	1-216-049-91	RES,CHIP	1K	5%	1/10W	0321	1 103 021 71	cera nine crin	0.01111	1070	501
	8139	1-216-037-00	RES,CHIP	330	5%	1/10W	C323	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	88140	1-216-049-91	RES,CHIP	1K	5%	1/10W	C324	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
							C325	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R	8141	1-216-295-91	SHORT	0			C327	1-163-038-91	CERAMIC CHIP	0.1MF		25V
R	88143	1-216-295-91	SHORT	0			C330	1-163-038-91	CERAMIC CHIP	0.1MF		25V
R	8144	1-216-025-91	RES,CHIP	100	5%	1/10W						
	88145	1-216-033-00	RES,CHIP	220	5%	1/10W	C331	1-163-038-91	CERAMIC CHIP	0.1MF		25V
R	88146	1-216-033-00	RES,CHIP	220	5%	1/10W	C332	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
							C333	1-216-295-91	SHORT	0		
	88147	1-216-295-91	SHORT	0			C337	1-163-038-91	CERAMIC CHIP	0.1MF		25V
	8148	1-216-295-91	SHORT	0			C338	1-163-038-91	CERAMIC CHIP	0.1MF		25V
	8149	1-216-037-00	RES,CHIP	330	5%	1/10W						
	8155	1-216-295-91	SHORT	0			C339	1-163-038-91	CERAMIC CHIP	0.1MF		25V
R	88157	1-216-037-00	RES,CHIP	330	5%	1/10W	C340	1-163-038-91	CERAMIC CHIP	0.1MF		25V
							C341	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	8158	1-216-037-00	RES,CHIP	330	5%	1/10W	C346	1-163-038-91	CERAMIC CHIP	0.1MF		25V
	8161	1-216-025-91	RES,CHIP	100	5%	1/10W	C347	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	8168	1-216-025-91	RES,CHIP	100	5%	1/10W						
	8169	1-216-097-91	RES,CHIP	100K	5%	1/10W	C349	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
R	8170	1-216-121-91	RES,CHIP	1M	5%	1/10W	C350	1-126-204-11	ELECT CHIP	47MF	20%	16V
_							C353	1-126-204-11	ELECT CHIP	47MF	20%	16V
	88171	1-216-025-91	RES,CHIP	100	5%	1/10W	C354	1-104-601-11	ELECT CHIP	10MF	20%	10V
	8172	1-216-025-91	RES,CHIP	100	5%	1/10W	C355	1-104-601-11	ELECT CHIP	10MF	20%	10V
	88173	1-216-025-91	RES,CHIP	100	5%	1/10W	G2 44	4 404 550 00	DI DOM GIVID	103.50	2001	4 67 7
	8200	1-216-073-00	RES,CHIP	10K	5%	1/10W	C361	1-124-779-00	ELECT CHIP	10MF	20%	16V
K	88201	1-216-025-91	RES,CHIP	100	5%	1/10W	C362	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
ъ		1 216 065 01	DEC CIND	4.577	50/	1/10337	C363	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
	8202	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C501	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	8203	1-208-782-11	METAL CHIP	1K		1/10W	C502	1-124-779-00	ELECT CHIP	10MF	20%	16V
	8204	1-216-073-00	RES,CHIP	10K	5%	1/10W	G502	1 104 770 00	ELECT CHID	100 45	200/	1611
	8205	1-208-782-11	METAL CHIP	1K		1/10W	C503	1-124-779-00	ELECT CHIP	10MF	20%	16V
K	88206	1-216-049-91	RES,CHIP	1K	5%	1/10W	C505	1-124-779-00	ELECT CHIP	10MF	20%	16V
ъ	10207	1 216 001 00	DEC CHID	ECV.	£0/	1/1037	C507	1-124-779-00	ELECT CHIP	10MF	20%	16V
K	88207	1-216-091-00	RES,CHIP	56K	5%	1/10W	C509	1-163-021-91	CERAMIC CHIP	0.01MF 0.01MF	10%	50V 50V
							C510	1-163-021-91	CERAMIC CHIP	0.01MF	10%	30 V
			<crystal></crystal>				C511	1-163-038-91	CERAMIC CHIP	0.1MF		25V
			<ck151al></ck151al>				C511	1-163-036-91	CERAMIC CHIP	0.1MF	10%	50V
v	X8102	1-781-041-11	VIBRATOR, CRYS	ТАІ			C512	1-164-004-11	CERAMIC CHIP	0.01MF	10%	25V
Λ	10102	1-761-041-11	VIDIATOR, CRIS	IAL			C514 C515	1-163-021-91	CERAMIC CHIP	0.11VII	10%	50V
							C515	1-164-004-11	CERAMIC CHIP	0.01MF	10%	25V
							C310	1-104-004-11	CLICAINIC CIII	0.11411	1070	25 <b>v</b>
*	******	******	******	******	******	******	C517	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
							C518	1-126-204-11	ELECT CHIP	47MF	20%	16V
	*	A-1136-054-A	B3 BOARD COMP	LETE			C519	1-163-038-91	CERAMIC CHIP	0.1MF	2070	25V
		111100 00 111	******				C520	1-163-038-91	CERAMIC CHIP	0.1MF		25V
							C521	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
								/ -				
			<capacitor></capacitor>				C522	1-163-038-91	CERAMIC CHIP	0.1MF		25V
							C523	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C	2302	1-104-601-11	ELECT CHIP	10MF	20%	10V	C524	1-124-779-00	ELECT CHIP	10MF	20%	16V
	2305	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C525	1-124-779-00	ELECT CHIP	10MF	20%	16V
C	2306	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C526	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	2309	1-163-038-91	CERAMIC CHIP	0.1MF		25V						
C	2310	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C527	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
							C528	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C	2312	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V	C530	1-216-295-91	SHORT	0		
C	2313	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C532	1-216-295-91	SHORT	0		
C	2314	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C534	1-216-295-91	SHORT	0		
C	2315	1-163-251-11	CERAMIC CHIP	100PF	5%	50V						
C	2316	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C535	1-163-038-91	CERAMIC CHIP	0.1MF		25V
							C536	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C	2317	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C537	1-163-038-91	CERAMIC CHIP	0.1MF		25V
	2318	1-124-779-00	ELECT CHIP	10MF	20%	16V	C538	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C	2319	1-124-779-00	ELECT CHIP	10MF	20%	16V	C539	1-126-204-11	ELECT CHIP	47MF	20%	16V
							•					



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C540	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C645	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C542	1-126-204-11	ELECT CHIP	47MF	20%	16V	C801	1-124-779-00	ELECT CHIP	10MF	20%	16V
C543	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C545	1-126-396-11	ELECT CHIP	47MF	20%	16V	C802	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C546	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C803	1-124-779-00	ELECT CHIP	10MF	20%	16V
						C804	1-124-779-00	ELECT CHIP	10MF	20%	16V
C548	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C806	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C549	1-126-204-11	ELECT CHIP	47MF	20%	16V	C807	1-124-779-00	ELECT CHIP	10MF	20%	16V
C550	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C551	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C808	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C554	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C809	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						C810	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C555	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C811	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C556	1-126-392-11	ELECT CHIP	100MF	20%	6.3V	C812	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C557	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C559	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C813	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C560	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C814	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						C815	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C601	1-124-779-00	ELECT CHIP	10MF	20%	16V	C816	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C602	1-126-394-11	ELECT CHIP	10MF	20%	16V	C817	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C603	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	2010		ann is ea airm	1000		
C604	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C818	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C605	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C819	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
0.00	1 162 021 01	CED LLUC CUID	0.013.65	100/	5017	C820	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C606	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C821	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C607	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C822	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C608	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C922	1 162 001 01	CED AMIC CHID	0.01ME	100/	50V
C609	1-163-021-91	CERAMIC CHIP	0.01MF 0.01MF	10% 10%	50V 50V	C823 C824	1-163-021-91 1-163-021-91	CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF	10% 10%	50V 50V
C610	1-163-021-91	CERAMIC CHIP	U.UTMIF	10%	30 V	C824 C825	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V 50V
C611	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C825	1-164-489-11	CERAMIC CHIP	0.01MF 0.22MF	10%	30V 16V
C612	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50 V	C820	1-163-021-91	CERAMIC CHIP	0.22MF 0.01MF	10%	50V
C612	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50 V	C627	1-103-021-91	CERAMIC CITI	0.011111	1070	30 <b>v</b>
C614	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C829	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C615	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C834	1-163-038-91	CERAMIC CHIP	0.01MF	1070	25V
C013	1 103 021 71	CERTIFIC CITI	0.011411	1070	30 1	C835	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C616	1-126-396-11	ELECT CHIP	47MF	20%	16V	C837	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C617	1-163-038-91	CERAMIC CHIP	0.1MF	2070	25V	C839	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C618	1-163-038-91	CERAMIC CHIP	0.1MF		25V	0007	1 100 021 71	CERT INTO CITI	0.011.11	1070	501
C619	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C840	1-126-206-11	ELECT CHIP	100MF	20%	6.3V
C620	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C841	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						C842	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C621	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C843	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C622	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C844	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C623	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C624	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C848	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C625	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C849	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						C850	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C626	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C851	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C627	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C852	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C628	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V						
C629	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C853	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C630	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C854	1-163-038-91	CERAMIC CHIP	0.1MF		25V
						C901	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C631	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C902	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C632	1-126-206-11	ELECT CHIP	100MF	20%	6.3V	C903	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C633	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	G004	1 121 770 00	DI DOM OVID	102.57	2001	4.533
C634	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C904	1-124-779-00	ELECT CHIP	10MF	20%	16V
C635	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C905	1-109-982-11	CERAMIC CHIP	1MF	10%	10V
000	1 162 021 01	CED AMIC CITE	0.013.45	100/	501/	C906	1-124-779-00	ELECT CHIP	10MF	20%	16V
C636	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C907	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C637	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C908	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C638	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C000	1 126 204 11	ELECT CLUD	47ME	200/	16V
C639 C640	1-163-021-91 1-163-021-91	CERAMIC CHIP	0.01MF 0.01MF	10% 10%	50V 50V	C909	1-126-204-11 1-163-009-11	ELECT CHIP CERAMIC CHIP	47MF 0.001MF	20% 10%	16V 50V
C040	1-103-021-91	CERAMIC CHIP	U.U1IVIF	10%	30 V	C910 C913	1-163-009-11	CERAMIC CHIP	0.001MF 0.01MF	10%	50V 50V
C642	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	C913	1-103-031-11	ELECT CHIP	0.01MF 10MF	20%	30V 16V
C642 C643	1-163-021-91	CERAMIC CHIP	0.01MF 0.01MF	10%	50V 50V	C914 C950	1-120-394-11	CERAMIC CHIP	0.01MF	10%	50V
C644	1-105-021-91	ELECT CHIP	4.7MF	20%	35V	0,50	1-105-021-71	CLIVAINIC CHIF	0.011411	1070	JU V
CU++	1-120-003-11	LLLCI CIIIF	T. / IVII'	2070	33 <b>v</b>						





REF. NO	. PART NO.	DESCRIPTION	REMARK	REF. NO	PART NO.	DESCRIPTION	REMARK
C954	1-163-021-91	CERAMIC CHIP 0.01MF 10%	50V	FL906	1-234-177-21	FILTER, CHIP EMI	
				FL907	1-234-177-21	FILTER, CHIP EMI	
		<connector></connector>					
		CONTRECTOR				<ic></ic>	
CN502	1-695-302-11	CONNECTOR, BOARD TO BOARD	50P	10202	0 752 200 00	IC CVD2202 A O	
				IC302 IC303	8-752-388-98 8-752-088-27	IC CXD2303AQ IC CXA3266Q-T6	
		<diode></diode>		IC309	8-759-640-16	IC TC7SET04F(TE85R)	
				IC311	8-759-708-05	IC NJM78L05A	
D301	8-719-041-97	DIODE MA113-(TX)		IC501	8-759-447-90	IC TLC5733AIPM	
D302	8-719-041-97	DIODE MA 2020		10504	9.750.420.22	IC TI C2022IDWD	
D501 D601	8-719-422-12 8-719-073-01	DIODE MA8039 DIODE MA111-(K8).S0		IC504 IC505	8-759-430-32 8-759-640-16	IC TLC2933IPWR IC TC7SET04F(TE85R)	
D001	0 717 073 01	DIODE WITTI (RO).50		IC506	8-759-640-16	IC TC7SET04F(TE85R)	
				IC601	8-752-398-47	IC CXD2090Q	
		<ferrite bead=""></ferrite>		IC602	8-759-567-37	IC MB81F161622B-80FN	
ED501	1 414 912 11	EEDDITE OUU		7.0.502 A	0.550.005.00	VO TO CARRANTON	
FB501 FB502	1-414-813-11 1-414-813-11	FERRITE 0UH FERRITE 0UH			8-759-295-09	IC TLC2932IPW	
FB503	1-414-813-11	FERRITE OUH		IC604 IC801	8-752-072-94 8-759-592-40	IC CXA1875AM-T4 IC CXD9509Q	
FB504	1-414-813-11			IC802	8-759-595-53	IC MB81F643242B-10FN	
FB601	1-414-553-11	FERRITE 0UH		IC803	8-759-460-29	IC PST9120NL	
ED001	1 414 552 11	EEDDITE OUR					
FB801 FB802	1-414-553-11 1-414-553-11	FERRITE 0UH FERRITE 0UH		IC901	8-752-367-59	IC CXD2309Q	
1 0002	1-414-333-11	TERRITE OUT		IC902 IC903	8-759-648-21 8-759-527-75	IC MB94918-AG3MID IC M24C04-MN6T	
				IC904	8-759-349-11	IC PST9145NL	
		<filter></filter>					
FL304	1-234-177-21	EILTED CHIDEMI				gow.	
FL304 FL305		FILTER, CHIP EMI FILTER, CHIP EMI				<coil></coil>	
FL306	1-239-558-11			L302	1-412-029-11	INDUCTOR CHIP 10UH	
FL501	1-233-877-11	FILTER, LOW PASS		L303	1-412-029-11	INDUCTOR CHIP 10UH	
FL502	1-233-504-21	FILTER, LOW PASS		L501	1-412-026-11	INDUCTOR CHIP 1UH	
EL 502	1 222 504 21	EILTED LOW DAGG		L502	1-412-026-11	INDUCTOR CHIP 1UH	
FL503 FL504	1-233-504-21 1-234-177-21	FILTER, LOW PASS FILTER, CHIP EMI		L503	1-412-026-11	INDUCTOR CHIP 1UH	
FL505	1-234-177-21			L504	1-412-026-11	INDUCTOR CHIP 1UH	
FL506	1-234-177-21	FILTER, CHIP EMI		L505	1-412-029-11	INDUCTOR CHIP 10UH	
FL508	1-234-177-21	FILTER, CHIP EMI		L506	1-412-026-11	INDUCTOR CHIP 1UH	
EL 500	1 224 177 21	EILTED CHIDEMI		L508	1-412-029-11	INDUCTOR CHIP 10UH	
FL509 FL510	1-234-177-21 1-234-177-21	FILTER, CHIP EMI FILTER, CHIP EMI		L509	1-412-029-11	INDUCTOR CHIP 10UH	
FL511	1-234-177-21	FILTER, CHIP EMI		L511	1-412-026-11	INDUCTOR CHIP 1UH	
FL512	1-234-177-21	FILTER, CHIP EMI		L512	1-412-026-11	INDUCTOR CHIP 1UH	
FL601	1-234-177-21	FILTER, CHIP EMI		L604	1-412-029-11	INDUCTOR CHIP 10UH	
EL (02	1 024 177 01	EILTED CHIDEM		L605	1-412-029-11	INDUCTOR CHIP 10UH	
FL602 FL603	1-234-177-21 1-234-177-21	FILTER, CHIP EMI FILTER, CHIP EMI					
FL606	1-239-560-11	FILTER, CHIP EMI				<transistor></transistor>	
FL801	1-234-177-21	FILTER, CHIP EMI					
FL802	1-234-177-21	FILTER, CHIP EMI		Q501	8-729-216-22	TRANSISTOR 2SA1162-G	
EI 002	1 024 177 01	FILTER, CHIP EMI		Q502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FL803 FL804	1-234-177-21 1-234-177-21	FILTER, CHIP EMI FILTER, CHIP EMI		Q503	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FL805	1-234-177-21	FILTER, CHIP EMI		Q510 Q511	8-729-120-28 8-729-120-28	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6	
FL806	1-234-177-21	FILTER, CHIP EMI		ζ <sub>211</sub>	0-147-140-40	TRANSISTOR 25C1025-LJL0	
FL807	1-234-177-21	FILTER, CHIP EMI		Q512	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
ET 000	1 004 177 01	CHEED CHIDENE		Q513	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FL808 FL810	1-234-177-21 1-234-177-21	FILTER, CHIP EMI FILTER, CHIP EMI		Q514	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FL810 FL901	1-234-177-21	FILTER, CHIP EMI FILTER, LOW PASS		Q515	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FL901	1-233-876-11	FILTER, LOW PASS		Q516	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
FL903	1-233-876-11	FILTER, LOW PASS		Q517	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q518	8-729-026-50	TRANSISTOR 2SA1037AK-T146-QR	
FL904	1-234-177-21	FILTER, CHIP EMI		Q519	1-801-806-11	TRANSISTOR DTC144EKA-T146	
FL905	1-234-177-21	FILTER, CHIP EMI		Q520	1-801-806-11	TRANSISTOR DTC144EKA-T146	
				Q521	8-729-120-28	TRANSISTOR 2SC1623-L5L6	



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
Q522	8-729-120-28	TRANSISTOR 2SC	C1623-L5L6			R516	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q523	8-729-120-28	TRANSISTOR 2SC				R517	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q524	8-729-120-28	TRANSISTOR 2SC				R518	1-216-295-91	SHORT	0	570	1/10//
Q601	8-729-120-28	TRANSISTOR 2SC				R520	1-216-645-11	METAL CHIP	560	0.50%	1/10W
Q602	8-729-120-28	TRANSISTOR 2SC				R520	1-216-295-91	SHORT	0	0.30%	1/10 W
Q002	0-729-120-20	TRANSISTOR 2SC	.1023-L3L0			K321	1-210-293-91	SHORI	U		
Q901	8-729-026-50	TRANSISTOR 2SA		6-QR		R523	1-216-645-11	METAL CHIP	560	0.50%	1/10W
Q902	8-729-216-22	TRANSISTOR 2SA				R524	1-216-295-91	SHORT	0	0.500/	4 /4 0777
Q903	8-729-216-22	TRANSISTOR 2SA				R526	1-216-645-11	METAL CHIP	560		1/10W
Q904	8-729-028-28	TRANSISTOR 2SK	,			R528	1-216-037-00	RES,CHIP	330	5%	1/10W
Q905	8-729-028-28	TRANSISTOR 2SK	(2036(TE85L)	)		R529	1-216-669-11	METAL CHIP	5.6K	0.50%	1/10W
Q906	1-801-806-11	TRANSISTOR DTO		46		R530	1-216-669-11	METAL CHIP	5.6K		1/10W
Q907	8-729-216-22	TRANSISTOR 2SA				R531	1-216-031-00	RES,CHIP	180	5%	1/10W
Q908	8-729-216-22	TRANSISTOR 2SA				R532	1-216-669-11	METAL CHIP	5.6K	0.50%	1/10W
Q909	8-729-216-22	TRANSISTOR 2SA	1162-G			R533	1-216-031-00	RES,CHIP	180	5%	1/10W
						R536	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
		<resistor></resistor>				R537	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
						R540	1-216-049-91	RES,CHIP	1K	5%	1/10W
R302	1-216-013-00	RES,CHIP	33	5%	1/10W	R548	1-216-619-11	METAL CHIP	47	0.50%	1/10W
R303	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W	R549	1-216-619-11	METAL CHIP	47	0.50%	1/10W
R305	1-216-049-91	RES,CHIP	1K	5%	1/10W	R550	1-216-625-11	METAL CHIP	82	0.50%	1/10W
R306	1-216-658-11	METAL CHIP	2K		1/10W						
R309	1-216-009-91	RES,CHIP	22	5%	1/10W	R551	1-216-625-11	METAL CHIP	82	0.50%	1/10W
1100)	1 210 007 71	nas,em		270	1, 10	R552	1-216-619-11	METAL CHIP	47		1/10W
R310	1-216-009-91	RES,CHIP	22	5%	1/10W	R553	1-216-295-91	SHORT	0	0.0070	1,10,,
R311	1-216-009-91	RES,CHIP	22	5%	1/10W	R554	1-216-619-11	METAL CHIP	47	0.50%	1/10W
R313	1-216-009-91	RES,CHIP	22	5%	1/10W 1/10W	R555	1-216-077-91	RES,CHIP	15K	5%	1/10W
R316	1-216-009-91	RES,CHIP	22	5%	1/10W 1/10W	KJJJ	1-210-077-71	KL5,CIII	1310	370	1/10 **
R318	1-216-009-91	RES,CHIP	22	5%	1/10W 1/10W	R557	1-216-049-91	RES,CHIP	1K	5%	1/10W
K316	1-210-009-91	KES,CIIII	22	370	1/10 W	R558	1-216-025-91	RES,CHIP	100	5%	1/10W 1/10W
R319	1-216-049-91	RES,CHIP	1K	5%	1/10W	R559	1-216-023-91	RES,CHIP	15K	5%	1/10W 1/10W
R321	1-216-009-91	RES,CHIP	22	5%	1/10W 1/10W	R560	1-216-619-11	METAL CHIP	47		1/10W 1/10W
		,	22								
R323	1-216-009-91	RES,CHIP		5%	1/10W	R561	1-216-043-91	RES,CHIP	560	5%	1/10W
R324	1-216-009-91	RES,CHIP	22	5%	1/10W	D560	1 216 042 01	DEC CIUD	5.00	50/	1/10337
R325	1-216-073-00	RES,CHIP	10K	5%	1/10W	R562 R563	1-216-043-91 1-216-043-91	RES,CHIP RES,CHIP	560 560	5% 5%	1/10W 1/10W
R328	1-216-025-91	RES,CHIP	100	5%	1/10W	R503	1-216-295-91	SHORT	0	370	1/10 W
R333	1-216-025-91	SHORT	0	370	1/10 W	R572	1-216-293-91	METAL CHIP	47	0.500/	1/10W
R335	1-216-293-91	RES,CHIP	33	5%	1/10W	R572 R573	1-216-679-11	METAL CHIP	15K		1/10W 1/10W
	1-216-013-00	RES,CHIP	33	5%	1/10W 1/10W	K373	1-210-079-11	WIETAL CITI	1310	0.5070	1/10 <b>vv</b>
R337	1-216-013-00	RES,CHIP	100K	5%	1/10W 1/10W	R574	1-216-651-11	METAL CHIP	1K	0.500/	1/10W
K337	1-210-097-91	кез,спіг	100K	370	1/10 W	R575	1-216-625-11	METAL CHIP	82		1/10W 1/10W
D220	1 216 205 01	CHODT	0								
R338 R339	1-216-295-91 1-216-295-91	SHORT SHORT	0			R576	1-216-625-11	METAL CHIP	82 47	0.50%	1/10W 1/10W
R343	1-216-295-91	SHORT	0			R577 R578	1-216-619-11 1-216-619-11	METAL CHIP METAL CHIP	47		1/10W 1/10W
			0			K3/8	1-210-019-11	METAL CHIP	47	0.30%	1/10 W
R347	1-216-295-91	SHORT	0			D.570	1 216 077 01	DEC CHID	15V	50/	1/10337
R350	1-216-295-91	SHORT	0			R579 R580	1-216-077-91 1-216-295-91	RES,CHIP SHORT	15K 0	5%	1/10W
D501	1 216 025 01	DEC CHID	100	504	1/10W			RES,CHIP	470	50/	1/10337
R501 R502	1-216-025-91 1-216-025-91	RES,CHIP RES,CHIP	100 100	5% 5%	1/10W 1/10W	R582 R584	1-216-041-00 1-216-041-00	RES,CHIP	470 470	5% 5%	1/10W 1/10W
R502	1-216-025-91	*		370	1/10 W	R586	1-216-041-00				1/10W 1/10W
		SHORT	0			K300	1-210-049-91	RES,CHIP	1K	5%	1/10 W
R504	1-216-295-91	SHORT	0			D 507	1 217 040 01	DEC CHID	177	£0/	1/10337
R505	1-216-295-91	SHORT	0			R587	1-216-049-91	RES,CHIP	1K	5%	1/10W
D506	1 21 6 025 01	DEC CIND	100	50/	1 /1 0117	R589	1-216-049-91	RES,CHIP	1K	5%	1/10W
R506	1-216-025-91	RES,CHIP	100	5%	1/10W	R590	1-216-049-91	RES,CHIP	1K	5%	1/10W
R507	1-216-025-91	RES,CHIP	100	5%	1/10W	R591	1-216-049-91	RES,CHIP	1K	5%	1/10W
R508	1-216-025-91	RES,CHIP	100	5%	1/10W	R592	1-216-049-91	RES,CHIP	1K	5%	1/10W
R509	1-216-025-91	RES,CHIP	100	5%	1/10W	D 50 1	1.016.044.00	DEG GIVE	470	50/	1 /1 011
R510	1-216-043-91	RES,CHIP	560	5%	1/10W	R594	1-216-041-00	RES,CHIP	470	5%	1/10W
						R596	1-216-049-91	RES,CHIP	1K	5%	1/10W
R511	1-216-043-91	RES,CHIP	560	5%	1/10W	R597	1-216-073-00	RES,CHIP	10K	5%	1/10W
R512	1-216-043-91	RES,CHIP	560	5%	1/10W	R598	1-216-025-91	RES,CHIP	100	5%	1/10W
R513	1-216-043-91	RES,CHIP	560	5%	1/10W	R600	1-216-066-00	RES,CHIP	5.1K	5%	1/10W
R514	1-216-043-91	RES,CHIP	560	5%	1/10W						
R515	1-216-043-91	RES,CHIP	560	5%	1/10W	R601	1-216-073-00	RES,CHIP	10K	5%	1/10W
						R602	1-216-073-00	RES,CHIP	10K	5%	1/10W
					'	R603	1-216-073-00	RES,CHIP	10K	5%	1/10W



REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO	PART NO.	DESCRIPTION			REMARK
D604	1 216 022 00	DEC CHID	220	50/	1/10W	D604	1 216 072 00	RES,CHIP	101/2	50/	1/10W
R604	1-216-033-00	RES,CHIP	220	5%	1/10W	R684	1-216-073-00	*	10K	5%	
R605	1-216-295-91	SHORT	0			R685	1-216-073-00	RES,CHIP	10K	5%	1/10W
						R686	1-216-073-00	RES,CHIP	10K	5%	1/10W
R608	1-216-295-91	SHORT	0			R687	1-216-295-91	SHORT	0		
R609	1-216-073-00	RES,CHIP	10K	5%	1/10W	R688	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R610	1-216-033-00	RES,CHIP	220	5%	1/10W						
R611	1-216-073-00	RES,CHIP	10K	5%	1/10W	R689	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R612	1-216-073-00	RES,CHIP	10K	5%	1/10W	R690	1-216-295-91	SHORT	0		
						R691	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R613	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R692	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R615	1-216-089-91	RES,CHIP	47K	5%	1/10W	R693	1-216-009-91	RES,CHIP	22	5%	1/10W
R616	1-216-073-00	RES,CHIP	10K	5%	1/10W			,		- / -	-,
R617	1-216-295-91	SHORT	0	270	1,101,	R694	1-216-295-91	SHORT	0		
R619	1-216-073-00	RES,CHIP	10K	5%	1/10W	R695	1-216-047-91	RES,CHIP	820	5%	1/10W
KOI	1-210-073-00	KL5,CIII	1010	370	1/10**	R696	1-216-049-91	RES,CHIP	1K	5%	1/10W
D.C21	1 217 205 01	CHODT	0								
R621	1-216-295-91	SHORT	0			R697	1-216-117-00	RES,CHIP	680K	5%	1/10W
R622	1-216-295-91	SHORT	0			R698	1-216-117-00	RES,CHIP	680K	5%	1/10W
R623	1-216-295-91	SHORT	0								
R624	1-216-295-91	SHORT	0			R699	1-216-295-91	SHORT	0		
R625	1-216-295-91	SHORT	0			R801	1-216-009-91	RES,CHIP	22	5%	1/10W
						R802	1-216-009-91	RES,CHIP	22	5%	1/10W
R626	1-216-073-00	RES,CHIP	10K	5%	1/10W	R804	1-216-073-00	RES,CHIP	10K	5%	1/10W
R628	1-216-295-91	SHORT	0			R806	1-216-675-91	METAL CHIP	10K	0.50%	1/10W
R629	1-216-073-00	RES,CHIP	10K	5%	1/10W						
R631	1-216-295-91	SHORT	0			R807	1-216-637-11	METAL CHIP	270	0.50%	1/10W
R634	1-216-295-91	SHORT	0			R812	1-216-073-00	RES,CHIP	10K	5%	1/10W
1031	1 210 2/3 /1	ынын	Ü			R813	1-216-295-91	SHORT	0	570	1/10//
R635	1-216-295-91	SHORT	0			R814	1-216-273-71	RES,CHIP	10K	5%	1/10W
								,			
R638	1-216-295-91	SHORT	0	50/	1/10337	R815	1-216-073-00	RES,CHIP	10 <b>K</b>	5%	1/10W
R639	1-216-017-91	RES,CHIP	47	5%	1/10W						
R640	1-216-009-91	RES,CHIP	22	5%	1/10W	R816	1-216-073-00	RES,CHIP	10K	5%	1/10W
R642	1-216-295-91	SHORT	0			R817	1-216-613-11	METAL CHIP	27	0.50%	1/10W
						R818	1-216-295-91	SHORT	0		
R643	1-216-295-91	SHORT	0			R820	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R645	1-216-295-91	SHORT	0			R822	1-216-295-91	SHORT	0		
R651	1-216-295-91	SHORT	0								
R653	1-216-025-91	RES,CHIP	100	5%	1/10W	R823	1-216-073-00	RES,CHIP	10K	5%	1/10W
R654	1-216-033-00	RES,CHIP	220	5%	1/10W	R824	1-216-073-00	RES,CHIP	10K	5%	1/10W
		,				R825	1-216-621-11	METAL CHIP	56		1/10W
R655	1-216-295-91	SHORT	0			R826	1-216-641-11	METAL CHIP	390		1/10W
R657	1-216-009-91	RES,CHIP	22	5%	1/10W	R827	1-216-607-11	METAL CHIP	15		1/10W
R658	1-216-009-91	RES,CHIP	1K	5%	1/10W	K027	1-210-007-11	WILLIAL CITI	13	0.5070	1/10 **
						D024	1 217 (20 11	METAL CHIP	120	0.500/	1/10337
R659	1-216-025-91	RES,CHIP	100	5%	1/10W	R834	1-216-629-11		120		1/10W
R660	1-216-025-91	RES,CHIP	100	5%	1/10W	R835	1-216-623-11	METAL CHIP	68		1/10W
						R836	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R661	1-216-025-91	RES,CHIP	100	5%	1/10W	R840	1-216-295-91	SHORT	0		
R664	1-216-009-91	RES,CHIP	22	5%	1/10W	R844	1-216-009-91	RES,CHIP	22	5%	1/10W
R665	1-216-035-00	RES,CHIP	270	5%	1/10W						
R666	1-216-646-11	METAL CHIP	620	0.50%	1/10W	R845	1-216-009-91	RES,CHIP	22	5%	1/10W
R667	1-216-663-11	METAL CHIP	3.3K	0.50%	1/10W	R846	1-216-009-91	RES,CHIP	22	5%	1/10W
						R847	1-216-009-91	RES,CHIP	22	5%	1/10W
R668	1-216-009-91	RES,CHIP	22	5%	1/10W	R848	1-216-009-91	RES,CHIP	22	5%	1/10W
R670	1-216-295-91	SHORT	0	270	1,1011	R849	1-216-009-91	RES,CHIP	22	5%	1/10W
R671	1-216-073-00	RES,CHIP	10K	5%	1/10W	1019	1 210 007 71	пав,сти		570	1,1011
R672	1-216-073-00	RES,CHIP	10K 10K	5%	1/10W	R850	1-216-009-91	RES,CHIP	22	5%	1/10W
	1-216-073-00	RES,CHIP	10K 10K				1-216-009-91	RES,CHIP	22	5%	1/10W 1/10W
R673	1-210-075-00	кез,спір	10K	5%	1/10W	R851		*			
						R852	1-216-009-91	RES,CHIP	22	5%	1/10W
R674	1-216-073-00	RES,CHIP	10K	5%	1/10W	R853	1-216-009-91	RES,CHIP	22	5%	1/10W
R675	1-216-073-00	RES,CHIP	10K	5%	1/10W	R854	1-216-009-91	RES,CHIP	22	5%	1/10W
R676	1-216-073-00	RES,CHIP	10K	5%	1/10W						
R677	1-216-073-00	RES,CHIP	10K	5%	1/10W	R855	1-216-009-91	RES,CHIP	22	5%	1/10W
R678	1-216-073-00	RES,CHIP	10K	5%	1/10W	R856	1-216-009-91	RES,CHIP	22	5%	1/10W
						R857	1-216-009-91	RES,CHIP	22	5%	1/10W
R679	1-216-073-00	RES,CHIP	10K	5%	1/10W	R858	1-216-009-91	RES,CHIP	22	5%	1/10W
R680	1-216-073-00	RES,CHIP	10K	5%	1/10W	R859	1-216-009-91	RES,CHIP	22	5%	1/10W
R681	1-216-073-00	RES,CHIP	10K	5%	1/10W 1/10W	1000)	1 210 007-71	,		270	1/1011
R682	1-216-073-00	RES,CHIP	10K 10K	5%	1/10W 1/10W	R860	1-216-009-91	RES,CHIP	22	5%	1/10W
			10K 10K								1/10W 1/10W
R683	1-216-073-00	RES,CHIP	101	5%	1/10W	R861	1-216-009-91	RES,CHIP	22	5%	
						R862	1-216-009-91	RES,CHIP	22	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R863	1-216-009-91	RES,CHIP	22	5%	1/10W	R933	1-216-025-91	RES,CHIP	100	5%	1/10W
R864	1-216-009-91	RES,CHIP	22	5%	1/10W	R934	1-216-025-91	RES,CHIP	100	5%	1/10W
		,-				R935	1-216-073-00	RES,CHIP	10K	5%	1/10W
R865	1-216-009-91	RES,CHIP	22	5%	1/10W	R936	1-216-041-00	RES.CHIP	470	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	R937	1-216-025-91	RES,CHIP	100	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	1037	1 210 023 71	KL5,CIII	100	370	1/10 11
	1-216-009-91	RES,CHIP	22	5%	1/10W	R938	1-216-025-91	RES,CHIP	100	5%	1/10W
		*						,		3%	1/10 W
R869	1-216-009-91	RES,CHIP	22	5%	1/10W	R939	1-216-295-91	SHORT	0		
						R940	1-216-295-91	SHORT	0		
	1-216-009-91	RES,CHIP	22	5%	1/10W	R941	1-216-295-91	SHORT	0		
R871	1-216-009-91	RES,CHIP	22	5%	1/10W	R942	1-216-037-00	RES,CHIP	330	5%	1/10W
R872	1-216-009-91	RES,CHIP	22	5%	1/10W						
R873	1-216-009-91	RES,CHIP	22	5%	1/10W	R943	1-216-033-00	RES,CHIP	220	5%	1/10W
R874	1-216-009-91	RES,CHIP	22	5%	1/10W	R944	1-216-295-91	SHORT	0		
		,				R945	1-216-295-91	SHORT	0		
R875	1-216-009-91	RES,CHIP	22	5%	1/10W	R951	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	R952	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	K)32	1-210-037-00	KL5,CIII	2.2IX	570	1/10**
	1-216-009-91	RES,CHIP				D052	1 217 205 01	CHODT	0		
		,	22	5%	1/10W	R953	1-216-295-91	SHORT	0		
R879	1-216-009-91	RES,CHIP	22	5%	1/10W	R954	1-216-295-91	SHORT	0		
						R955	1-216-295-91	SHORT	0		
	1-216-009-91	RES,CHIP	22	5%	1/10W	R956	1-216-089-91	RES,CHIP	47K	5%	1/10W
R881	1-216-009-91	RES,CHIP	22	5%	1/10W	R957	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R882	1-216-009-91	RES,CHIP	22	5%	1/10W						
R883	1-216-009-91	RES,CHIP	22	5%	1/10W	R958	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R884	1-216-009-91	RES,CHIP	22	5%	1/10W	R959	1-216-635-11	METAL CHIP	220	0.50%	1/10W
		,			-, - ,	R960	1-216-635-11	METAL CHIP	220		1/10W
R885	1-216-009-91	RES,CHIP	22	5%	1/10W	R961	1-216-635-11	METAL CHIP	220		1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	R962	1-216-635-11	METAL CHIP	220		1/10W
		RES,CHIP	22			K902	1-210-033-11	METAL CHIP	220	0.30%	1/10 W
	1-216-009-91			5%	1/10W	D070	1 21 6 205 01	CITODE	0		
	1-216-009-91	RES,CHIP	22	5%	1/10W	R979	1-216-295-91	SHORT	0		
R889	1-216-009-91	RES,CHIP	22	5%	1/10W	R981	1-216-037-00	RES,CHIP	330	5%	1/10W
						R982	1-216-037-00	RES,CHIP	330	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	R983	1-216-089-91	RES,CHIP	47K	5%	1/10W
R891	1-216-009-91	RES,CHIP	22	5%	1/10W	R984	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
R892	1-216-009-91	RES,CHIP	22	5%	1/10W						
R893	1-216-009-91	RES,CHIP	22	5%	1/10W	R985	1-216-113-00	RES,CHIP	470K	5%	1/10W
R894	1-216-009-91	RES,CHIP	22	5%	1/10W	R986	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
		,-				R987	1-216-049-91	RES.CHIP	1K	5%	1/10W
R895	1-216-009-91	RES,CHIP	22	5%	1/10W	R988	1-216-033-00	RES,CHIP	220	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	R989	1-216-081-00	RES,CHIP	22K	5%	1/10W
	1-216-009-91	RES,CHIP	22	5%	1/10W	K/0/	1-210-001-00	KL5,CIII	LLIX	570	1/10 **
						D000	1 216 112 00	DEC CHID	470V	£0/	1/10337
	1-216-009-91	RES,CHIP	22	5%	1/10W	R990	1-216-113-00	RES,CHIP	470K	5%	1/10W
R899	1-216-073-00	RES,CHIP	10K	5%	1/10W	R991	1-216-295-91	SHORT	0		
						R993	1-216-089-91	RES,CHIP	47K	5%	1/10W
	1-216-061-00	RES,CHIP	3.3K	5%	1/10W	R994	1-216-033-00	RES,CHIP	220	5%	1/10W
	1-216-659-11	METAL CHIP	2.2K		1/10W	R995	1-216-033-00	RES,CHIP	220	5%	1/10W
	1-216-663-11	METAL CHIP	3.3K		1/10W						
R904	1-216-635-11	METAL CHIP	220	0.50%	1/10W	R996	1-216-037-00	RES,CHIP	330	5%	1/10W
R905	1-216-635-11	METAL CHIP	220	0.50%	1/10W	R997	1-216-037-00	RES,CHIP	330	5%	1/10W
						R998	1-216-073-00	RES,CHIP	10K	5%	1/10W
R906	1-216-635-11	METAL CHIP	220	0.50%	1/10W	R2801	1-216-629-11	METAL CHIP	120		1/10W
	1-216-635-11	METAL CHIP	220		1/10W	R2802	1-216-623-11	METAL CHIP	68		1/10W
	1-216-635-11	METAL CHIP	220		1/10W 1/10W	112002	. 210 023-11	L II IL CIIII	00	0.50/0	1/1011
		METAL CHIP				D2002	1 216 602 11	METAL CHID	10	0.500/	1/10W
	1-216-635-11		220		1/10W	R2803	1-216-603-11	METAL CHIP	10		
R910	1-216-049-91	RES,CHIP	1K	5%	1/10W	R2804	1-216-627-11	METAL CHIP	100		1/10W
						R2805	1-216-623-11	METAL CHIP	68		1/10W
	1-216-049-91	RES,CHIP	1K	5%	1/10W	R2806	1-216-611-11	METAL CHIP	22	0.50%	1/10W
R912	1-216-049-91	RES,CHIP	1K	5%	1/10W	R2809	1-216-295-91	SHORT	0		
R914	1-216-065-91	RES,CHIP	4.7K	5%	1/10W						
	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R2810	1-216-295-91	SHORT	0		
	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R2813	1-216-295-91	SHORT	0		
R923		,	-			R2815	1-216-295-91	SHORT	0		
R923						112013					
	1_216 057 00	BES CHID	2 2K	50%	1/10337	P2817	1_216 205 01	SHORT	0		
R926	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R2817	1-216-295-91	SHORT	0		
R926 R927	1-216-295-91	SHORT	0			R2817 R2818	1-216-295-91 1-216-295-91	SHORT SHORT	0		
R926 R927 R929	1-216-295-91 1-216-025-91	SHORT RES,CHIP	0 100	5%	1/10W	R2818	1-216-295-91	SHORT	0		
R926 R927 R929	1-216-295-91	SHORT	0								



REF. NO	D. PART NO.	DESCRIPTION	REMARK	REF. NO	PART NO.	DESCRIPTION			REMARK
		< <del>########</del> >		:	* A-1136-069-A	BC4 BOARD CON			
RB001	1-239-409-11	NETWORK RESISTOR (CHIP) 47				*****	****		
RB002	1-239-409-11	NETWORK RESISTOR (CHIP) 47							
RB003	1-239-409-11	NETWORK RESISTOR (CHIP) 47				<capacitor></capacitor>			
RB004	1-239-409-11	NETWORK RESISTOR (CHIP) 47							
RB005	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2003	1-163-031-11	CERAMIC CHIP	0.01MF		50V
				C2005	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
RB006	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2006	1-163-038-91	CERAMIC CHIP	0.1MF		25V
RB007	1-239-414-11	NETWORK RESISTOR (CHIP) 150		C2010	1-163-102-00	CERAMIC CHIP	24PF	5%	50V
RB008	1-239-414-11	NETWORK RESISTOR (CHIP) 150		C2011	1-163-102-00	CERAMIC CHIP	24PF	5%	50V
RB009	1-239-414-11	NETWORK RESISTOR (CHIP) 150							
RB010	1-239-414-11	NETWORK RESISTOR (CHIP) 150		C2015	1-165-319-11	CERAMIC CHIP	0.1MF		50V
DD011	1 220 414 11	NETWORK DECICTOR (CHIP) 150		C2016	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB011	1-239-414-11	NETWORK RESISTOR (CHIP) 150		C2017	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB012 RB013	1-239-414-11 1-239-621-11	NETWORK RESISTOR (CHIP) 150 NETWORK RESISTOR (CHIP) 22		C2018 C2021	1-165-319-11 1-163-038-91	CERAMIC CHIP CERAMIC CHIP	0.1MF 0.1MF		50V 25V
RB013	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2021	1-103-036-91	CERAMIC CITI	U.IIVII		23 <b>v</b>
RB015	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2024	1-216-295-91	SHORT	0		
REGIS	1 237 021 11	NET WORK RESISTOR (CIM) 22		C2029	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB016	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2030	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB017	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2031	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB018	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2032	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB019	1-239-409-11	NETWORK RESISTOR (CHIP) 47							
RB020	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2033	1-165-319-11	CERAMIC CHIP	0.1MF		50V
				C2034	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB021	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2035	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB022	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2036	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB023	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2037	1-104-664-11	ELECT	47MF	20%	16V
RB024	1-239-409-11	NETWORK RESISTOR (CHIP) 47		G2020	1 165 210 11	CED AND CHID	0.13.65		5017
RB025	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2038	1-165-319-11	CERAMIC CHIP	0.1MF		50V
RB026	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2039 C2040	1-165-319-11 1-165-319-11	CERAMIC CHIP CERAMIC CHIP	0.1MF 0.1MF		50V 50V
RB027	1-239-409-11	NETWORK RESISTOR (CHIP) 47		C2040 C2041	1-105-319-11	ELECT	330MF	20%	6.3V
RB301	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2041 C2042	1-165-319-11	CERAMIC CHIP	0.1MF	2070	50V
RB302	1-239-621-11	NETWORK RESISTOR (CHIP) 22		C2042	1 103 317 11	CLICIUM COM	0.11411		30 <b>v</b>
RB701	1-239-711-91	NETWORK RESISTOR (CHIP) 0		C2044	1-104-664-11	ELECT	47MF	20%	16V
				C2045	1-163-106-00	CERAMIC CHIP	36PF	5%	50V
RB702	1-239-711-91	NETWORK RESISTOR (CHIP) 0		C2046	1-126-964-11	ELECT	10MF	20%	50V
RB703	1-239-711-91	NETWORK RESISTOR (CHIP) 0		C2047	1-164-505-11	CERAMIC CHIP	2.2MF		16V
RB704	1-239-711-91	NETWORK RESISTOR (CHIP) 0		C2048	1-126-964-11	ELECT	10MF	20%	50V
RB705	1-239-711-91	NETWORK RESISTOR (CHIP) 0							
RB706	1-239-711-91	NETWORK RESISTOR (CHIP) 0		C2049	1-126-960-11	ELECT	1MF	20%	50V
				C2050	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
		CDNOTAL.		C2051	1-126-964-11	ELECT	10MF	20%	50V
		<crystal></crystal>		C2052		CERAMIC CHIP	470PF	5%	50V
V901	1 791 640 21	OSCILLATOR, CRYSTAL		C2053	1-126-960-11	ELECT	1MF	20%	50V
X801 X802	1-781-649-21 1-781-650-21	VIBRATOR, CRYSTAL		C2054	1-104-664-11	ELECT	47MF	20%	16V
X901	1-761-030-21	VIBRATOR, CRISTAL VIBRATOR, CERAMIC		C2054 C2055	1-104-664-11	ELECT	47MF	20%	16V 16V
11/01	1 ,50 014-11	. Did if On, Child little		C2056	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
				C2057	1-163-031-11	CERAMIC CHIP	0.01MF	570	50V
				C2058	1-163-031-11	CERAMIC CHIP	0.01MF		50V
*****	******	***********	*****						
				C2059	1-104-664-11	ELECT	47MF	20%	16V
				C2060	1-163-031-11	CERAMIC CHIP	0.01MF		50V
				C2061	1-163-031-11	CERAMIC CHIP	0.01MF		50V
				C2062	1-104-664-11	ELECT	47MF	20%	16V
				C2063	1-165-319-11	CERAMIC CHIP	0.1MF		50V
				C2064	1-163-031-11	CERAMIC CHIP	0.01MF		50V
				C2065	1-163-031-11	CERAMIC CHIP	0.01MF	2001	50V
				C2066	1-104-664-11	ELECT	47MF	20%	16V
				C2067	1-104-664-11	ELECT	47MF	20%	16V
				C2068	1-104-664-11	ELECT	47MF	20%	16V
				C2069	1-163-031-11	CERAMIC CHIP	0.01MF		50V
				C2009	1-103-031-11	ELECT	47MF	20%	16V
				C2070	1-165-319-11	CERAMIC CHIP	0.1MF	2070	50V
				020/1	1 100 017-11	CLICITY IIVIIC CIIII	0.11711		507



REF. NO. PAR	T NO.	DESCRIPTION			REMARK	REF. NO	. PART NO.	DESCRIPTION			REMARK
	53-237-11 53-038-91	CERAMIC CHIP CERAMIC CHIP	27PF 0.1MF	5%	50V 25V			<resistor></resistor>			
	53-038-91	CERAMIC CHIP	0.1MF		25V	R2011 R2015	1-216-041-00 1-216-041-00	RES,CHIP RES,CHIP	470 470	5% 5%	1/10W 1/10W
	14-664-11	ELECT	47MF	20%	16V	R2019	1-216-295-91	SHORT	0	50/	1/10337
	53-031-11 53-031-11	CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF		50V 50V	R2021 R2027	1-216-025-91 1-216-049-91	RES,CHIP RES,CHIP	100 1K	5% 5%	1/10W 1/10W
	53-231-11	CERAMIC CHIP	15PF	5%	50V	K2027	1-210-049-91	кез,спіг	1K	370	1/10 W
C2075 1 10	.5 251 11	eziu iviie eriii	1511	570	501	R2028	1-216-049-91	RES,CHIP	1K	5%	1/10W
C2096 1-16	3-231-11	CERAMIC CHIP	15PF	5%	50V	R2029	1-216-043-91	RES,CHIP	560	5%	1/10W
C2097 1-16	53-231-11	CERAMIC CHIP	15PF	5%	50V	R2030	1-216-043-91	RES,CHIP	560	5%	1/10W
						R2031	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
		CONNECTOR				R2032	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
		<connector></connector>				R2033	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
CN2001* 1-79	3-685-11	PIN, CONNECTOR	R (PC BOAR)	D)	15P	R2033	1-216-057-00	RES,CHIP	2.2K 2.2K	5%	1/10W
C112001 1 75	5 005 11	Thi, continue for	it (i e borne	<i>Σ</i> )	131	R2035	1-216-043-91	RES,CHIP	560	5%	1/10W
						R2036	1-216-649-11	METAL CHIP	820		1/10W
		<filter></filter>				R2037	1-216-044-00	RES,CHIP	620	5%	1/10W
FT 2004 4 22						D2020		DEG GWD	020		4 /4 0777
	9-848-11	FILTER, LOW PAS				R2039	1-216-047-91	RES,CHIP	820	5%	1/10W
	9-848-11 9-848-11	FILTER, LOW PAS FILTER, LOW PAS				R2040 R2041	1-216-057-00	RES,CHIP RES,CHIP	2.2K 820	5%	1/10W 1/10W
	9-848-11 9-848-11	FILTER, LOW PAS				R2041 R2042	1-216-047-91 1-216-075-00	RES,CHIP	12K	5% 5%	1/10W 1/10W
	3-512-21	FERRITE	37UH			R2042 R2043	1-216-075-00	RES,CHIP	33K	5%	1/10W
122003 123	.5 512 21	TERRETE	37011			112013	1 210 003 00	RES,CIII	3311	570	1/1011
FL2006 1-23	3-512-21	FERRITE	37UH			R2044	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
FL2007 1-23	33-512-21	FERRITE	37UH			R2046	1-216-075-00	RES,CHIP	12K	5%	1/10W
						R2047	1-216-085-00	RES,CHIP	33K	5%	1/10W
		***				R2048	1-216-049-91	RES,CHIP	1K	5%	1/10W
		<ic></ic>				R2049	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
IC2003 8-75	9-568-27	IC MSM514265C-6	60ISDR1			R2050	1-216-017-91	RES,CHIP	47	5%	1/10W
	9-594-44	IC UPD64082GF-3				R2051	1-216-049-91	RES,CHIP	1K	5%	1/10W
	9-431-14	IC PQ3TZ53U				R2052	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R2053	1-216-041-00	RES,CHIP	470	5%	1/10W
						R2054	1-216-041-00	RES,CHIP	470	5%	1/10W
		<coil></coil>				20055		DEG GWD			4.4.0***
L2001 1-41	0-200-31	INDUCTOR CHIP	471111			R2055 R2056	1-216-017-91 1-216-067-00	RES,CHIP RES,CHIP	47 5.6K	5% 5%	1/10W 1/10W
	2-058-11	INDUCTOR CHIP				R2050	1-216-049-91	RES,CHIP	1K	5%	1/10W 1/10W
	2-058-11	INDUCTOR CHIP				R2058	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
	2-058-11	INDUCTOR CHIP				R2059	1-216-049-91	RES,CHIP	1K	5%	1/10W
L2007 1-41	2-058-11	INDUCTOR CHIP	10UH								
						R2060	1-216-025-91		100	5%	1/10W
L2008 1-41	2-058-11	INDUCTOR CHIP	10UH			R2061	1-216-043-91	RES,CHIP	560	5%	1/10W
						R2062	1-216-105-91	RES,CHIP	220K	5%	1/10W
		<transistor></transistor>				R2063 R2064	1-216-089-91 1-216-049-91	RES,CHIP RES,CHIP	47K 1K	5% 5%	1/10W 1/10W
		VIII II III II II II				1004	1 210 047 71	KL5,CIII	110	370	1/10 11
Q2002 8-72	9-216-22	TRANSISTOR 2SA	A1162-G			R2066	1-216-033-00	RES,CHIP	220	5%	1/10W
	9-216-22	TRANSISTOR 2SA	A1162-G			R2067	1-216-043-91	RES,CHIP	560	5%	1/10W
-	9-216-22	TRANSISTOR 2SA				R2069	1-216-645-11	METAL CHIP	560		1/10W
•	9-422-33	TRANSISTOR 2SI	-			R2070	1-216-641-11	METAL CHIP	390		1/10W
Q2006 8-72	9-422-33	TRANSISTOR 2SI	D601A-Q-1X			R2071	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
Q2007 8-72	9-422-33	TRANSISTOR 2SI	D601A-O-TX			R2072	1-216-043-91	RES,CHIP	560	5%	1/10W
	9-422-33	TRANSISTOR 2SI				R2072	1-216-049-91	RES,CHIP	1K	5%	1/10W
•	9-422-33	TRANSISTOR 2SI				R2074	1-216-025-91	RES,CHIP	100	5%	1/10W
•	9-422-33	TRANSISTOR 2SI	D601A-Q-TX			R2075	1-216-295-91	SHORT	0		
Q2011 8-72	29-422-33	TRANSISTOR 2SI	D601A-Q-TX			R2076	1-216-025-91	RES,CHIP	100	5%	1/10W
	9-216-22	TRANSISTOR 2SA	A1162-G			R2077	1-216-025-91	RES,CHIP	100	5%	1/10W
	9-216-22	TRANSISTOR 2SA				R2078	1-216-295-91	SHORT	0		
-	9-422-33	TRANSISTOR 2SI	-			R2092	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
•	9-422-33	TRANSISTOR 2SI				R2093	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
Q2016 8-72	29-422-33	TRANSISTOR 2SI	DOULA-Q-TX			R2104	1-216-295-91	SHORT	0		
Q2018 8-72	9-216-22	TRANSISTOR 2SA	A1162-G			İ					
•	9-422-33	TRANSISTOR 2SI									
						7					



REF. NO.	. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R2105	1-216-295-91	SHORT	0			C9030	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
R2106	1-216-295-91	SHORT	0			C9031	1-162-114-00	CERAMIC	0.0047MF		2KV
R2107	1-216-295-91	SHORT	0			C9032	1-162-116-00	CERAMIC	680PF	10%	2KV
R2108	1-216-049-91	RES,CHIP	1K	5%	1/10W	C9033	1-107-662-11	ELECT	22MF	20%	250V
R2110	1-216-295-91	SHORT	0			C9042	1-126-940-11	ELECT	330MF	20%	25V
D2112	1 217 205 01	CHOPT	0								
R2112	1-216-295-91	SHORT	0	<b>5</b> 0/	1/1037			COMMECTOR			
R2113 R2115	1-216-017-91 1-216-049-91	RES,CHIP RES,CHIP	47 1K	5% 5%	1/10W 1/10W			<connector></connector>			
R2116	1-216-295-91	SHORT	0	370	1/10 W	CN9001*	1-564-512-11	PLUG, CONNECT	OR 9P		
R2117	1-216-295-91	SHORT	0				1-691-765-11	PLUG, (MICRO CO		3P	
112117	1 210 270 71	SHORE					1-695-915-11	TAB (CONTACT)	0111201011)		
R2118	1-216-296-91	SHORT	0			CN9004	1-695-915-11	TAB (CONTACT)			
R2119	1-216-296-91	SHORT	0			CN9005*	1-564-506-11	PLUG, CONNECT	OR 3P		
R2200	1-216-296-91	SHORT	0								
						CN9007	1-785-879-11	CONNECTOR, ON	IE TOUCH		
		<variable resi<="" td=""><td>STOD~</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></variable>	STOD~								
		VARIABLE RESI	SIOK					<diode></diode>			
RV2001	1-223-271-21	RES, ADJ, CERME	ET 220					(DIODL)			
		,,				D9002	8-719-400-75	DIODE MA3091			
						D9005	8-719-073-01	DIODE MA111-(K	8).S0		
		<crystal></crystal>				D9006	8-719-051-85	DIODE HSS83TD			
						D9007	8-719-051-85	DIODE HSS83TD			
X2001	1-767-606-11	VIBRATOR, CRYS	STAL			D9008	8-719-051-85	DIODE HSS83TD			
						D9009	8-719-908-03	DIODE GP08D			
						D9009 D9010	8-719-110-17	DIODE RD10ESB2	,		
******	*********	*******	******	*****	*****	<i>D</i> 7010	0 /17 110 17	DIODE ROTOLOGO	-		
*	A-1332-005-A	C BOARD MOUN						<ic></ic>			
		*******	cak			IC9001	8-759-360-83	IC TDA6111Q/N4			
	4-382-854-11	SCREW (M3X10),	P SW (+)			IC9001 IC9002	8-759-360-83	IC TDA6111Q/N4			
	+ 302 03+ 11	SCILLY (M37110),	1,511 (1)			IC9002	8-759-360-83	IC TDA6111Q/N4			
		<capacitor></capacitor>									
G0000	4.4.2.00=.00	arr in a arre		0.050				<jack></jack>			
C9002 C9003	1-163-087-00	CERAMIC CHIP 4		0.25PF 0.25PF		T0004 A	1 710 071 00	accurr and			
C9003 C9004	1-163-087-00 1-162-114-00	CERAMIC CHIP 4 CERAMIC	0.0047MF	0.23PF	2KV	J9001 🗥	1-540-071-22	SOCKET, CRT			
C9005	1-163-087-00	CERAMIC CHIP 4		0.25PF							
C9006	1-163-091-00	CERAMIC CHIP 8		0.25PF				<coil></coil>			
								<del></del>			
C9007	1-163-091-00	CERAMIC CHIP 8		0.25PF		L9001	1-414-158-11	INDUCTOR	2.2UH		
C9008	1-163-091-00	CERAMIC CHIP 8		0.25PF		L9002	1-408-591-11	INDUCTOR	1UH		
C9009 C9010	1-163-087-00	CERAMIC CHIP 4		0.25PF		L9003	1-408-591-11	INDUCTOR	1UH		
C9010	1-163-087-00 1-136-207-11	CERAMIC CHIP 4 MYLAR	0.047MF	0.25PF 10%	250V	L9004	1-408-591-11	INDUCTOR	1UH 150UH		
C)011	1 150-207-11	MILLAN	0.0-7/1 <b>VII</b>	10/0	230 1	L9005	1-406-666-21	INDUCTOR	130UH		
C9012	1-136-207-11	MYLAR	0.047MF	10%	250V	L9006	1-412-526-11	INDUCTOR	12UH		
C9014	1-136-207-11	MYLAR	0.047MF	10%	250V		020 11				
C9015	1-163-087-00	CERAMIC CHIP 4		0.25PF							
C9018	1-107-961-91	ELECT	10MF	20%	250V			<neon lamp=""></neon>			
C9019	1-163-035-00	CERAMIC CHIP 0	.04/MF		50V		4 #40 =====				
C9020	1-107-961-91	ELECT	10MF	20%	250V	NL9001	1-519-526-11	LAMP, NEON			
C9020 C9021	1-107-961-91	ELECT	10MF	20%	250V 250V						
C9022	1-101-004-00	CERAMIC	0.01MF	_0,0	50V			<transistor></transistor>			
C9023	1-101-004-00	CERAMIC	0.01MF		50V						
C9024	1-163-035-00	CERAMIC CHIP 0	.047MF		50V	Q9001	8-729-026-49	TRANSISTOR 2SA	A1037AK-T14	6-R	
go	4.404		2207	•	4.077	Q9009	8-729-026-49	TRANSISTOR 2SA			
C9025	1-104-653-11	ELECT	220MF	20%	16V	Q9010	8-729-026-49	TRANSISTOR 2SA			
C9026 C9027	1-163-035-00 1-101-004-00	CERAMIC CHIP	0.047MF		50V 50V	Q9011	8-729-026-49	TRANSISTOR 2SA	A1037AK-T14	6-R	
C9027	1-101-004-00	CERAMIC CHIP	0.01MF 0.0047MF	10%	50V 50V						
C9028 C9029	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V						
					-						





REF. NO.	. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<resistor></resistor>				*	A-1346-882-A	D BOARD COMPI			
D0001	1 216 050 00	DEC CHID	2.71/	£0/	1/1037			******	****		
R9001	1-216-059-00	RES,CHIP	2.7K	5%	1/10W		1 262 146 00	HEAT CINIZ MOL	T.C.		
R9006	1-216-073-00	RES,CHIP	10K	5%	1/10W		4-363-146-00	HEAT SINK, V.OU			
R9007	1-208-789-11	METAL CHIP	2K		1/10W		4-382-854-11	SCREW (M3X10),			
R9008	1-216-085-00	RES,CHIP	33K	5%	1/10W		4-382-854-21	SCREW (M3X14),	P, SW (+)		
R9012	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R9013	1-216-049-91	RES,CHIP	1K	5%	1/10W			<capacitor></capacitor>			
R9018	1-216-059-00	RES,CHIP	2.7K	5%	1/10W						
R9019	1-216-059-00	RES,CHIP	2.7K	5%	1/10W	C6601	1-104-665-11	ELECT	100MF	20%	25V
R9021	1-216-295-91	SHORT	0	270	1,10,,,	C6602	1-129-720-00	FILM	0.033MF	5%	630V
R9023	1-216-295-91	SHORT	0			C6604	1-126-967-11	ELECT	47MF	20%	50V
10023	1 210 2/3 /1	SHORI	O .			C6606	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R9026	1-208-789-11	METAL CHIP	2K	0.50%	1/10W	C6607 A	1-119-886-51	CERAMIC	470PF	10%	250V
R9031	1-208-789-11	METAL CHIP	2K	0.50%	1/10W	20007 23	1 117 000 31	CERTIFIC	47011	1070	230 1
R9033	1-208-808-11	METAL CHIP	12K		1/10W	G 5 500 A	4 440 004 54	GED 13.55	45000	100/	25011
R9034	1-208-800-11	METAL CHIP	5.6K		1/10W		1-119-886-51	CERAMIC	470PF	10%	250V
R9035	1-208-790-11	METAL CHIP	2.2K		1/10W	C6609	1-136-177-00	MYLAR	1MF	5%	50V
K9033	1-200-790-11	METAL CITI	2.2K	0.5070	1/10 <b>vv</b>	C6610	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
D0026	1 21 6 0 40 01	DEC CIUD	177	50/	1/10337	C6611	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
R9036	1-216-049-91	RES,CHIP	1K	5%	1/10W	C6612	1-126-964-11	ELECT	10MF	20%	50V
R9037	1-240-233-71	REGISTER	0	0.50-	4 /4 0						
R9038	1-208-790-11	METAL CHIP	2.2K		1/10W	C6613	1-161-830-00	CERAMIC	0.0047MF	99%	500V
R9039	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W	C6614	1-161-830-00	CERAMIC	0.0047MF		500V
R9041	1-216-049-91	RES,CHIP	1K	5%	1/10W	C6615	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
						C6616	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R9042	1-216-049-91	RES,CHIP	1K	5%	1/10W	C6617	1-161-830-00	CERAMIC	0.0047MF	370	500V
R9043	1-240-233-71	REGISTER	0			C0017	1-101-050-00	CERAMIC	0.0047WII		300 V
R9044	1-240-233-71	REGISTER	0			C((10	1 1/2 021 01	CED AMIC CHID	0.0114E	100/	50V
R9047	1-202-557-00	SOLID	220	20%	1/2W	C6618	1-163-021-91	CERAMIC CHIP	0.01MF	10%	
R9048	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	C6619	1-161-830-00	CERAMIC	0.0047MF	99%	500V
10010	1 210 057 00	пав,сти	2.211	570	1/10 11	C6620	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
R9049	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	C6621	1-131-940-11	ELECT	1200MF	20%	250V
R9050	1-249-424-11	CARBON	3.9K	5%	1/4W	C6622	1-131-940-11	ELECT	1200MF	20%	250V
R9050	1-249-424-11	SOLID	220	20%	1/4W 1/2W						
						C6624	1-126-933-11	ELECT	100MF	20%	16V
R9052	1-202-557-00	SOLID	220	20%	1/2W	C6625	1-129-718-00	FILM	0.022MF	5%	630V
R9053	1-249-424-11	CARBON	3.9K	5%	1/4W	C6626	1-130-029-00	FILM	8200PF	2%	50V
						C6627	1-102-129-00	CERAMIC	0.01MF	10%	50V
R9054	1-249-424-11	CARBON	3.9K	5%	1/4W	C6628	1-104-330-91	CERAMIC	470PF	10%	1KV
R9055	1-202-884-11	SOLID	820K	20%	1/2W						
R9056	1-202-813-00	SOLID	22K	10%	1/2W	C6630	1-107-680-91	ELECT	22MF	20%	450V
R9057	1-202-847-00	SOLID	560K	20%	1/2W	C6631	1-126-964-11	ELECT	10MF	20%	50V
R9058	1-202-884-11	SOLID	820K	20%	1/2W	C6632	1-126-963-11	ELECT	4.7MF	20%	50V
						C6633		ELECT	47MF	20%	50V
R9059	1-202-818-00	SOLID	1K	20%	1/2W		1-126-967-11				
R9061	1-202-549-00	SOLID	100	20%	1/2W	C6634	1-126-968-11	ELECT	100MF	20%	50V
R9065	1-216-069-00	RES,CHIP	6.8K	5%	1/10W	0.00	1 100 072 00	CED ANGC	10000	<b>5</b> 0/	5017
R9068	1-216-101-00	RES,CHIP	150K	5%	1/10W	C6635	1-102-973-00	CERAMIC	100PF	5%	50V
R9069	1-202-549-00	SOLID	100K	20%	1/10W 1/2W	C6637	1-109-879-11	CERAMIC	22PF	5%	2KV
17,007	1-202-347-00	SOLID	100	2070	1/ 4 **	C6638	1-126-964-11	ELECT	10MF	20%	50V
D0070	1 21/ 027 00	DEC CITE	220	50/	1/10337	C6639	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
R9070	1-216-037-00	RES,CHIP	330	5%	1/10W	C6640	1-104-330-91	CERAMIC	470PF	10%	1KV
R9071	1-216-037-00	RES,CHIP	330	5%	1/10W						
R9072	1-216-037-00	RES,CHIP	330	5%	1/10W	C6641	1-136-165-00	MYLAR	0.1MF	5%	50V
R9073	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	C6642	1-126-964-11	ELECT	10MF	20%	50V
						C6643	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
						C6645	1-136-165-00	MYLAR	0.1MF	5%	50V
		<variable res<="" td=""><td>ISTOR&gt;</td><td></td><td></td><td>C6648</td><td>1-126-941-11</td><td>ELECT</td><td>470MF</td><td>20%</td><td>25V</td></variable>	ISTOR>			C6648	1-126-941-11	ELECT	470MF	20%	25V
D. 16 2 2 2		PPG 4 P					_				
	1-241-714-11	RES, ADJ, METAI				C6649	1-104-665-11	ELECT	100MF	20%	25V
RV9002	1-230-641-11	RES, ADJ, METAI	L GLAZE 2.21	M		C6650	1-162-115-00	CERAMIC	330PF	10%	1KV
						C6651	1-162-115-00	CERAMIC	330PF	10%	1KV
						C6652	1-110-626-11	ELECT	330MF	20%	160V
						C6653	1-110-020-11	MYLAR	0.0047MF	5%	50V
******	*******	******	********	******	*****						
						C6654	1-126-936-11	ELECT	3300MF	20%	16V
						C6655	1-126-942-61	ELECT	1000MF	20%	25V
						C6656	1-136-165-00	MYLAR	0.1MF	5%	50V
						C6658	1-126-944-11	ELECT	3300MF	20%	25V
						C6659	1-126-944-11	ELECT	3300MF	20%	25V
						00007	1 120 /77-11	LLLCI	3300IVII	20/0	23 1



REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C6660	1-126-960-11	ELECT	1MF	20%	50V	C6846	1-109-945-11	FILM	0.18MF	5%	250V
C6661	1-104-664-11	ELECT	47MF	20%	16V	C6848	1-113-979-51	FILM	0.1MF	5%	250V
C6662	1-104-664-11	ELECT	47MF	20%	16V	C6849	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C6663	1-102-129-00	CERAMIC	0.01MF	10%	50V	2004)	1 113 337 11	CERTIFIC CITI	0.11411	1070	30 1
C6664	1-102-129-00	CERAMIC	0.01MF	10%	50V	C6850	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V
C000+	1 102 127 00	CLIMINIC	0.011411	1070	301	C6851	1-107-639-11	ELECT	47MF	20%	160V
C6665	1-126-964-11	ELECT	10MF	20%	50V	C6853	1-102-228-00	CERAMIC	470PF	10%	500V
C6666	1-137-370-11	MYLAR	0.01MF	5%	50V	C6854	1-126-941-11	ELECT	470MF	20%	25V
C6668	1-104-664-11	ELECT	47MF	20%	25V	C6855	1-123-024-21	ELECT	33MF	2070	160V
C6669	1-162-115-00	CERAMIC	330PF	10%	1KV	C0033	1 123 024 21	LLLC I	331411		100 1
C6670	1-162-115-00	CERAMIC	330PF	10%	1KV	C6856	1-126-971-11	ELECT	470MF	20%	50V
C0070	1 102 113 00	CLIMINIC	33011	1070	114	C6857	1-102-228-00	CERAMIC	470PF	10%	500V
C6671	1-129-718-00	FILM	0.022MF	5%	630V	C6858	1-102-228-00	CERAMIC	470PF	10%	500V
C6672	1-104-331-11	CERAMIC	0.0022MF	10%	1KV	C6859	1-162-129-00	CERAMIC	150PF	10%	2KV
C6673	1-104-331-11	CERAMIC	0.0022MF	10%	1KV	C6860	1-162-131-11	CERAMIC	220PF	10%	2KV
C6674	1-128-527-11	ELECT	330MF	20%	25V	20000	1-102-131-11	CLICAIVIIC	22011	1070	ZIX V
C6677	1-128-327-11	CERAMIC CHIP	0.022MF	10%	50V	C6862	1-130-202-00	FILM	0.022MF	5%	200V
C0077	1-103-037-11	CERAINIC CIII	0.0221111	1070	30 V	C6863	1-130-202-00	ELECT	10MF	20%	50V
C6679	1-107-823-11	CERAMIC CHIP	0.0047MF	10%	50V	C6864	1-129-898-00	FILM	0.0022MF	5%	630V
C6680	1-107-823-11	FILM	0.0047MF	5%	50V 50V	C6865	1-130-202-00	FILM	0.0022WIF 0.022MF	5% 5%	400V
C6800	1-136-137-00	ELECT	10MF	20%	50V	C6866	1-130-202-00	CERAMIC	330PF	10%	500V
C6801	1-126-960-11	ELECT	1MF	20%	50V	C0000	1-102-030-00	CERAMIC	330FT	1070	300 V
		CERAMIC CHIP	0.01MF	10%	50V 50V	C6867	1-130-785-11	MYLAR	0.47MF	10%	100V
C6802	1-163-021-91	CERAMIC CHIP	U.UIIVIF	10%	30 V						50V
C(005	1 111 007 11	ELECT	220ME	200/	251	C6868	1-163-021-91	CERAMIC CHIP	0.01MF	10%	
C6805	1-111-087-11	ELECT	330MF	20%	25V	C6871	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C6806	1-107-933-11 1-106-228-00	ELECT	100MF	20%	100V	C6872	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C6808		MYLAR	0.22MF	10%	100V	C6874	1-136-165-00	MYLAR	0.1MF	5%	50V
C6809	1-102-074-00	CERAMIC	0.001MF	10%	50V	06075	1 104 664 11	FLECT	473.4F	200/	101
C6810	1-106-220-00	MYLAR	0.1MF	10%	100V	C6875	1-104-664-11	ELECT CERAMIC CHIR	47MF	20%	16V
C(011	1 111 007 11	FLECT	220145	200/	251	C6876	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C6811	1-111-087-11	ELECT	330MF	20%	25V	C6877	1-126-964-11	ELECT	10MF	20%	50V
C6812	1-130-785-11	MYLAR	0.47MF	10%	100V	C6878	1-126-320-11	ELECT	10MF	20%	16V
C6813	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C6879	1-107-960-11	ELECT	4.7MF	20%	160V
C6814	1-115-565-11	CERAMIC CHIP	2.2MF	10%	10V	G cooo	1 164 004 11	CED 11 HG CHID	0.13.00	100/	2511
C6815	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C6880	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
0.01.6	1 106 107 01	107 ID	0.0473.45	50/	40077	C6882	1-104-574-11	CERAMIC	0.0047MF	10%	2KV
C6816	1-136-197-81	MYLAR	0.047MF	5%	400V	C6883	1-126-964-11	ELECT	10MF	20%	50V
C6817	1-126-967-11	ELECT	47MF	20%	50V	C6884	1-115-565-11	CERAMIC CHIP	2.2MF	10%	10V
C6818	1-126-960-11	ELECT	1MF	20%	50V	C6885	1-162-131-11	CERAMIC	220PF	10%	2KV
C6819	1-126-960-11	ELECT	1MF	20%	50V						
C6820	1-102-114-00	CERAMIC	470PF	10%	50V			COMMECTOR.			
0.001	1 106 202 00	107 ID	0.0473.45	100/	20017			<connector></connector>			
C6821	1-106-383-00	MYLAR	0.047MF	10%	200V						
C6822	1-102-114-00	CERAMIC	470PF	10%	50V			PIN, CONNECTO	*		
C6823	1-106-383-00	MYLAR	0.047MF	10%	200V	CN6603*.	₾ 1-573-963-11	PIN, CONNECTO	R (PC BOARI	O) 3P	
C6826	1-102-030-00	CERAMIC	330PF	10%	500V	CN6604*	△ 1-691-291-11	PIN, CONNECTO	R (PC BOARI	D) 5P	
C6827	1-102-030-00	CERAMIC	330PF	10%	500V			PLUG, CONNECT	`	, -	
9.000	1 10 5 2 12 00		0.0043.65	400/	20077		1-564-510-11	PLUG, CONNECT			
C6828	1-106-343-00	MYLAR	0.001MF	10%	200V	C140000	1-304-310-11	TEOG, CONNECT	OK /I		
C6829	1-162-558-11	CERAMIC	100PF	10%	2KV	CN6608*	1-564-506-11	PLUG, CONNECT	OR 3P		
C6831	1-117-835-21	FILM	6200PF	3%	1.5KV		1-508-784-21	PIN, CONNECTOR		'LI' 1D	
C6832	1-117-836-21	FILM	6800PF	3%	1.5KV		1-508-784-21	PIN, CONNECTOR			
C6833	1-136-287-11	FILM	0.0047MF	5%	100V		1-508-784-21	PIN, CONNECTOR			
							1-508-784-21	PIN, CONNECTOR	*		
C6834	1-125-893-11	FILM	680PF	3%	1.5KV	CINOUIZ	1-300-704-21	TIN, CONNECTO	K (SWIWI I I I C	11) 11	
C6835	1-125-893-11	FILM	680PF	3%	1.5KV	CN6613*	1-508-784-21	PIN, CONNECTOR	R (5MM DITC	'H) 1D	
C6836	1-137-150-11	FILM	0.01MF	5%	100V		1-508-784-21	PIN. CONNECTOR	,		
C6837	1-125-893-11	FILM	680PF	3%	1.5KV		1-508-784-21	PIN, CONNECTOR	-	,	
C6838	1-125-893-11	FILM	680PF	3%	1.5KV		1-508-784-21	PIN, CONNECTOR	*	,	
							1-508-784-21	PIN, CONNECTOR	*		
C6839	1-126-933-11	ELECT	100MF	20%	16V	CINOUIO.	1-200-704-21	THY, CONTRECTO	r (SIATIAI ELLIC	11) 11	
C6840	1-126-933-11	ELECT	100MF	20%	16V	CN6800	1-785-802-11	PIN, CONNECTOR	R (WITH DW)	R) 2010	
C6841	1-117-660-81	FILM	0.12MF	5%	250V				`		
C6842	1-117-667-81	FILM	0.47MF	5%	250V			PIN, DY CONNEC	,	,	ND.
C6843	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V		1-793-495-11	CONNECTOR, BO			νΓ
		onn 11 == ===	0.43.5	40			1-691-765-11	PLUG, (MICRO C	ONNECTOR)	3P	
C6844	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V	CN6808	1-695-915-11	TAB (CONTACT)			
C6845	1-115-514-11	FILM	0.22MF	5%	250V						



REF. NO	. PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
CN6810	1-785-879-11	CONNECTOR, ONE TOUCH		D6808	8-719-914-43	DIODE DAN202K		
	* 1-508-784-21	PIN, CONNECTOR (5MM PITCH) 1P		D6809	8-719-908-03	DIODE GP08D		
	* 1-508-784-21	PIN, CONNECTOR (5MM PITCH) 1P		D6812	8-719-110-39	DIODE RD15ESB	1	
C110012	1-300-704-21	Thy, conviction (similaritell) if		D0012	0-717-110-37	DIODE RDISESD	ı	
				D6813	9 710 202 42	DIODE EL 17		
		DIODE			8-719-302-43	DIODE EL1Z	ET. 620.4	
		<diode></diode>		D6814	8-719-018-82	DIODE RGP02-20		
				D6816	8-719-510-73	DIODE S3L20UF4		
D6601	8-719-911-19	DIODE 1SS119-25		D6817	8-719-510-73	DIODE S3L20UF4		
D6602	8-719-073-01	DIODE MA111-(K8).S0		D6820	8-719-970-87	DIODE ERA38-06		
D6603	8-719-073-01	DIODE MA111-(K8).S0						
D6604	8-719-073-01	DIODE MA111-(K8).S0		D6821	8-719-970-87	DIODE ERA38-06		
D6605	8-719-510-53	DIODE D4SB60L		D6823	8-719-911-19	DIODE 1SS119-25		
				D6824	8-719-510-73	DIODE S3L20UF4		
D6606	8-719-073-01	DIODE MA111-(K8).S0		D6825	8-719-914-43	DIODE DAN202K		
		` '		D6825				
D6607	8-719-073-01	DIODE MA111-(K8).S0		D0820	8-719-911-19	DIODE 1SS119-25		
D6608	8-719-073-01	DIODE MA111-(K8).S0						
D6609	8-719-911-19	DIODE 1SS119-25						
D6610	8-719-073-01	DIODE MA111-(K8).S0				<ferrite bead<="" td=""><td>&gt;</td><td></td></ferrite>	>	
D6611	8-719-073-01	DIODE MA111-(K8).S0		FB6602	1-239-358-21	FILTER, NOISE		
D6612	8-719-911-55	DIODE U05G		FB6603	1-239-358-21	FILTER, NOISE		
D6613	8-719-911-55	DIODE U05G						
D6614	8-719-110-30	DIODE RD12ESB1						
D6615	8-719-911-19	DIODE 1SS119-25				<ic></ic>		
D0013	0 /1/ /11 1/	DIODE 19911/ 23				(IC)		
D6616	8-719-911-55	DIODE U05G		IC6601	8-759-198-31	IC UPC1093J-1-T		
D6617				IC6602	8-759-103-93			
	8-719-911-55	DIODE U05G				IC UPC393C		
D6618	8-719-073-01	DIODE MA111-(K8).S0		IC6603	8-749-016-66	IC MCR5152		
D6619	8-719-110-30	DIODE RD12ESB1		IC6604	8-759-468-89	IC TOP209P		
D6621	8-719-075-73	DIODE 10ELS2N-B5		IC6606	8-759-450-47	IC BA05T		
D6622	8-719-979-64	DIODE UF4005PKG23		IC6607	8-749-012-13	IC DM-58		
D6623	8-719-059-23	DIODE P6KE200AG23		IC6608	8-759-103-93	IC UPC393C		
D6624	8-719-077-66	DIODE 11EQSO3LN-TA1B2		IC6800	8-759-192-71	IC STV9379		
D6625	8-719-110-36	DIODE RD13ESB2		IC6801	8-759-450-95	IC LM393N		
D6626	8-719-979-64	DIODE UF4005PKG23		IC6804	8-759-394-36	IC BA09T		
D6627	8-719-063-73	DIODE D1NL20U-TR		IC6805	8-759-394-35	IC BA12T		
D6628	8-719-075-73	DIODE 10ELS2N-B5		100005	0 137 371 33	IC BITTET		
D6629	8-719-911-19	DIODE 1SS119-25						
						CHID CONDLICT	YOD.	
D6630	8-719-911-19	DIODE 1SS119-25				<chip conduct<="" td=""><td>OK&gt;</td><td></td></chip>	OK>	
D6631	8-719-050-18	DIODE D4SBL20U		TD < < 0.2	1 21 6 205 01	QIIODE.	0	
D((22	0.710.072.01	DIODE MA111 (K0) 00		JR6603	1-216-295-91	SHORT	0	
D6632	8-719-073-01	DIODE MA111-(K8).S0						
D6633	8-719-510-12	DIODE D10SC4M						
D6634	8-719-060-88	DIODE D4SBS6				<coil></coil>		
D6635	8-719-110-47	DIODE RD18ESB						
D6636	8-719-911-19	DIODE 1SS119-25		L6601	1-412-525-31	INDUCTOR	10UH	
				L6602	1-410-397-21	FERRITE	1.1UH	
D6639	8-719-075-73	DDIODE 10ELS2N-TB5		L6603	1-410-397-21	FERRITE	1.1UH	
D6640	8-719-110-72	DIODE RD30ESB2		L6604	1-412-525-31	INDUCTOR	10UH	
D6641	8-719-109-97	DIODE RD6.8ESB2		L6605	1-412-525-31	INDUCTOR	10UH	
D6642	8-719-911-19	DIODE ISS119-25		20003	1 112 323 31	LIDUCION	10011	
D6643	8-719-979-64	DIODE UF4005PKG23		L6606	1-412-525-31	INDUCTOR	10UH	
D0043	0-/19-9/9-04	DIODE 014003FR023						
D6644	8-719-052-92	DIODE D10SBS4F		L6607 L6800	1-412-519-11 1-412-525-31	INDUCTOR INDUCTOR	3.3UH 10UH	
D6648	8-719-110-30	DIODE RD12ESB1		L6801	1-406-675-11	INDUCTOR	4.7MMH	
D6649	8-719-073-01	DIODE MA111-(K8).S0		L6803	1-406-985-11	INDUCTOR	2.2MMH	
D6650	8-719-911-19	DIODE 1SS119-25						
D6651	8-719-977-95	DIODE DTZ-TT11-2.4B		L6804	1-412-519-11	INDUCTOR	3.3UH	
				L6805	1-412-519-11	INDUCTOR	3.3UH	
D6652	8-719-110-49	DIODE RD18ESB2		L6806	1-412-519-11	INDUCTOR	3.3UH	
D6800	8-719-110-03	DIODE RD7.5ESB2		L6807	1-412-552-11	INDUCTOR	2.2MMH	
D6801	8-719-911-19	DIODE 1SS119-25		L6808	1-406-674-11	INDUCTOR	3.3MMH	
D6803	8-719-510-73	DIODE S3L20UF4						
D6805	8-719-110-39	DIODE RD15ESB1						
						<photo couple<="" td=""><td>ER&gt;</td><td></td></photo>	ER>	
D6806	8-719-911-19	DIODE 1SS119-25		PH6601	8-749-924-35	PHOTO COUPLER		
D6807	8-719-109-68	DIODE RD3.6ESB1		PH6602		PHOTO COUPLER		
20001	2 , 1 , 10 , 00			1110002	2 , , 2	- 11010 COO! ELI		



REF. NO. PART N	NO.	DESCRIPTION			REMA	.RK	REF. NO.	PART NO.	DESCRIPTION			REMAR	RK
		<ic link=""></ic>					R6607	1-215-489-00	METAL	680K	1%	1/4W	
							R6608	1-215-489-00	METAL	680K	1%	1/4W	
PS6605 1-533-5	597-41	LINK, IC					R6609	1-215-489-00	METAL	680K	1%	1/4W	
PS6606 1-533-5		LINK, IC											
PS6607 1-533-5		LINK, IC					R6610	1-208-830-11	METAL CHIP	100K		1/10W	
PS6801 1-532-8	841-21	LINK, IC					R6611	1-208-798-11	METAL CHIP	4.7K		1/10W	
							R6612 R6613	1-215-471-00 1-215-489-00	METAL METAL	120K 680K	1%	1/4W 1/4W	
		<transistor></transistor>					R6614	1-215-489-00	METAL	680K	1% 1%	1/4W 1/4W	
		<transistor></transistor>					10014	1-213-407-00	WILIAL	OOOK	1 /0	1/4**	
Q6601 8-729-1	119-78	TRANSISTOR 2SC	2785-HFE				R6615	1-215-489-00	METAL	680K	1%	1/4W	
Q6602 8-729-1	119-78	TRANSISTOR 2SC	2785-HFE				R6616	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	
Q6603 8-729-1		TRANSISTOR 2SA					R6617	1-208-844-11	METAL CHIP	390K	0.50%	1/10W	
Q6604 8-729-1		TRANSISTOR 2SA					R6618	1-215-466-00	METAL	75K	1%	1/4W	
Q6605 8-729-2	230-49	TRANSISTOR 2SC	2712-YG				R6619	1-216-113-00	RES,CHIP	470K	5%	1/10W	
Q6606 8-729-1	140.02	TRANSISTOR 2SB	722 24				R6620	1-208-846-11	METAL CHIP	470K	0.500/	1/10W	
Q6607 8-729-1		TRANSISTOR 2SA					R6621	1-216-073-00	RES,CHIP	10K	5%	1/10W	
Q6608 8-729-2		TRANSISTOR 2SC					R6622	1-220-797-11	CEMENTED	0.47	5%	10W	F
Q6609 8-729-0		TRANSISTOR DTA					R6623	1-215-457-00	METAL	33K	1%	1/4W	-
Q6610 8-729-1		TRANSISTOR 2SC	2785-HFE				R6624	1-208-830-11	METAL CHIP	100K		1/10W	
Q6611 8-729-0		TRANSISTOR DTO					R6625	1-208-826-11	METAL CHIP	68K		1/10W	
Q6612 8-729-0		TRANSISTOR DTO					R6626	1-208-830-11	METAL CHIP	100K		1/10W	
Q6613 8-729-0		TRANSISTOR DTO					R6627	1-208-834-11	METAL CHIP	150K		1/10W	
Q6614 8-729-1		TRANSISTOR 2SA					R6628	1-216-073-00	RES,CHIP	10K	5%	1/10W	
Q6615 8-729-9	900-53	TRANSISTOR DTO	.114EK				R6629	1-215-466-00	METAL	75K	1%	1/4W	
Q6615 8-729-4	421-22	TRANSISTOR UN2	2211				R6630	1-215-489-00	METAL	680K	1%	1/4W	
Q6616 8-729-0		TRANSISTOR DTO					R6631	1-215-489-00	METAL	680K	1%	1/4W	
Q6800 8-729-4		TRANSISTOR 2SD					R6632	1-215-489-00	METAL	680K	1%	1/4W	
Q6801 8-729-0	039-68	TRANSISTOR IRF	620				R6633	1-215-458-00	METAL	36K	1%	1/4W	
Q6802 8-729-0	046-33	TRANSISTOR IRF	720-LF49				R6634	1-215-489-00	METAL	680K	1%	1/4W	
0.0002 0.730 1	110.76	TD ANGICTOD ACA	1175 HEE				D.C.25	1 215 490 00	METAI	C0017	10/	1 /4337	
Q6803 8-729-1 Q6804 8-729-1		TRANSISTOR 2SA TRANSISTOR 2SC					R6635 R6636	1-215-489-00 1-215-489-00	METAL METAL	680K 680K	1% 1%	1/4W 1/4W	
Q6805 8-729-1		TRANSISTOR 2SD					R6637	1-215-463-00	METAL	56K	1%	1/4W	
Q6806 8-729-1		TRANSISTOR 2SD					R6638	1-240-876-11	CEMENTED	1	5%	15W	
Q6807 8-729-0		TRANSISTOR 2SC					R6639	1-240-876-11	CEMENTED	1	5%	15W	
Q6808 8-729-0		TRANSISTOR 2SC					R6640	1-216-081-00	RES,CHIP	22K	5%	1/10W	
Q6809 8-729-0		TRANSISTOR 2SK					R6641	1-260-131-11	CARBON	470K	5%	1/2W	
Q6810 8-729-0		TRANSISTOR IRF		10			R6642	1-260-131-11	CARBON	470K	5%	1/2W	
Q6811 1-801-8 Q6812 8-729-0		TRANSISTOR DTO		46			R6643 R6644	1-216-081-00 1-216-065-91	RES,CHIP RES,CHIP	22K 4.7K	5% 5%	1/10W 1/10W	
Q0812 8-729-0	043-93	TRANSISTOR 2SC	3640(3)				K0044	1-210-003-91	кез,спіг	4./K	5%	1/10 W	
Q6813 8-729-4	422-33	TRANSISTOR 2SD	601A-Q-TX				R6645	1-202-933-61	FUSIBLE	0.1	10%	1/2W	
Q6814 8-729-0		TRANSISTOR 2SA		6-R			R6646	1-216-073-00	RES,CHIP	10K	5%	1/10W	
Q6815 8-729-0		TRANSISTOR 2SA	.1776TV2Q				R6647	1-215-864-00	METAL OXIDE	150	5%	1W	F
Q6816 8-729-1		TRANSISTOR 2SD					R6648	1-215-481-00	METAL	330K	1%	1/4W	
Q6817 8-729-4	422-33	TRANSISTOR 2SD	601A-Q-TX				R6649	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
06010 1 001 0	206 11	TD A MCICTOD DTA	11/// EV / 71	16			D6650	1 215 401 00	METAI	220V	10/	1 // 337	
Q6818 1-801-8 Q6819 1-801-8		TRANSISTOR DTO TRANSISTOR DTO					R6650 R6651	1-215-481-00 1-215-430-00	METAL METAL	330K 2.4K	1% 1%	1/4W 1/4W	
Q6820 8-729-4		TRANSISTOR DIC		40			R6652	1-215-450-00	METAL	2.4 <b>K</b> 16K	1%	1/4W 1/4W	
Q6821 8-729-0		TRANSISTOR 2SA		6-R			R6653	1-219-776-11	CARBON	2.2M	10%	1/4W	
Q6823 8-729-4		TRANSISTOR 2SD					R6654	1-216-089-91	RES,CHIP	47K	5%	1/10W	
-			•										
							R6655	1-216-073-00	RES,CHIP	10K	5%	1/10W	
		<resistor></resistor>					R6656	1-215-481-00	METAL	330K	1%	1/4W	
D6500 1 220 5	707 11	CEMENTER	0.47	50/	10337	ь	R6657	1-247-791-91	CARBON	22 10V	5%	1/4W	
R6500 1-220-7 R6600 1-216-2		CEMENTED SHORT	0.47 0	5%	10W	F	R6658 R6659	1-216-073-00 1-216-073-00	RES,CHIP RES,CHIP	10K 10K	5% 5%	1/10W 1/10W	
R6602 1-247-8		CARBON	1K	5%	1/4W		KUUJI	1-210-0/3-00	KES,CHIF	101	J 70	1/10 W	
R6603 1-208-8		METAL CHIP	10K		1/10W		R6660	1-249-389-11	CARBON	4.7	5%	1/4W	F
R6604 1-208-8		METAL CHIP	10K		1/10W		R6661	1-215-421-00	METAL	1K	1%	1/4W	
							R6662	1-216-381-11	METAL OXIDE	0.22	5%	3W	F
R6605 1-215-4		METAL	120K	1%	1/4W		R6663	1-216-381-11	METAL OXIDE	0.22	5%		F
R6606 1-215-4	466-00	METAL	75K	1%	1/4W	,	R6665	1-219-776-11	CARBON	2.2M	10%	1/2W	



REF. NO.	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMA	RK
R6666	1-208-782-11	METAL CHIP	1K	0.50%	1/10W		R6824	1-249-411-11	CARBON	330	5%	1/4W	
R6667	1-249-413-11	CARBON		5%	1/4W		R6825	1-249-411-11	CARBON	330	5%	1/4W	
	1-216-017-91	RES,CHIP	47	5%	1/10W		R6826	1-216-459-00	METAL OXIDE	2.7K	5%		F
R6669	1-247-831-91	CARBON	1K	5%	1/4W		K0020	1-210-437-00	WILIAL OXIDL	2.7K	370	211	1
			6.8K				D 6927	1 215 905 11	METAL OXIDE	3.3K	50/	2W	F
R6670	1-215-441-00	METAL	0.8K	1%	1/4W		R6827	1-215-895-11			5%		Г
D < < 7.1	1 215 121 00	METAL	177	10/	1 /4777		R6828	1-247-831-91	CARBON	1K	5%	1/4W	
R6671	1-215-421-00	METAL	1K	1%	1/4W		R6829	1-247-831-91	CARBON	1K	5%	1/4W	
R6672	1-249-421-11	CARBON	2.2K	5%	1/4W		R6830	1-247-764-11	CARBON	10K	5%	1/2W	
R6674	1-249-415-11	CARBON	680	5%	1/4W		R6831	1-247-764-11	CARBON	10K	5%	1/2W	F
R6675	1-249-429-11	CARBON	10K	5%	1/4W								
R6677	1-249-413-11	CARBON	470	5%	1/4W		R6832	1-215-477-00	METAL	220K	1%	1/4W	
							R6833	1-215-493-00	METAL	1M	1%	1/4W	
R6679	1-249-437-11	CARBON	47K	5%	1/4W		R6834	1-216-381-11	METAL OXIDE	0.22	5%	3W	F
R6680	1-216-362-11	METAL OXIDE	0.27	5%	2W	F	R6835	1-216-381-11	METAL OXIDE	0.22	5%	3W	F
	1-249-429-11	CARBON	10K	5%	1/4W		R6836	1-215-905-11	METAL OXIDE	10	5%	3W	F
R6682	1-249-416-11	CARBON	820	5%	1/4W								
R6683	1-260-127-11	CARBON		5%	1/2W		R6837	1-215-905-11	METAL OXIDE	10	5%	3W	F
110003	1 200 127 11	Critibort	22011	570	1/211		R6838	1-215-461-00	METAL	47K	1%	1/4W	•
R6685	1-249-421-11	CARBON	2.2K	5%	1/4W		R6839	1-249-405-11	CARBON	100	5%		F
										1.8K	5%	1/4 W	F
	1-218-265-11	METAL		5%	1W		R6841	1-216-434-11	METAL OXIDE				г F
R6688	1-249-417-11	CARBON	1K	5%	1/4W	F	R6842	1-215-923-00	METAL OXIDE	10K	5%	3W	F
R6689	1-249-389-11	CARBON	4.7	5%	1/4W								
R6690	1-249-429-11	CARBON	10K	5%	1/4W		R6843	1-216-073-00	RES,CHIP	10K	5%	1/10W	
							R6844	1-247-807-31	CARBON	100	5%	1/4W	
R6691	1-260-131-11	CARBON	470K	5%	1/2W		R6846	1-260-127-11	CARBON	220K	5%	1/2W	
R6692	1-249-410-11	CARBON	270	5%	1/4W		R6849	1-249-443-11	CARBON	0.47	5%	1/4W	F
R6693	1-215-451-00	METAL	18K	1%	1/4W		R6850	1-249-443-11	CARBON	0.47	5%	1/4W	F
	1-215-471-00	METAL	120K	1%	1/4W								
R6696	1-215-925-11	METAL OXIDE	22K	5%	3W	F	R6851	1-260-288-11	CARBON	0.47	5%	1/2W	F
10070	1 213 723 11	METAL ONDE	LLIX	370	311	1	R6852	1-216-345-11	METAL OXIDE	0.47	5%	1W	F
R6697	1-249-429-11	CARBON	10K	5%	1/4W		R6853	1-260-288-11	CARBON	0.47	5%		F
							R6854	1-215-923-00	METAL OXIDE	10K	5%	3W	F
R6698	1-247-831-91	CARBON	1K	5%	1/4W		R6855	1-214-899-81	METAL	27K	1%	1/2W	1
	1-216-073-00	RES,CHIP	10K	5%	1/10W		K0033	1-214-099-01	WILIAL	2/K	1 /0	1/ 2 VV	
R6702	1-216-093-91	RES,CHIP		5%	1/10W		D.(05)	1 215 022 00	METAL OVIDE	1017	50/	2117	г
R6703	1-216-091-00	RES,CHIP	56K	5%	1/10W		R6856	1-215-923-00	METAL OXIDE	10K	5%	3W	F
							R6857	1-215-923-00	METAL OXIDE	10K	5%	3W	F
R6704	1-249-377-11	CARBON	0.47	5%	1/4W	F	R6858	1-214-899-81	METAL	27K	1%	1/2W	
R6707	1-249-421-11	CARBON	2.2K	5%	1/4W		R6859	1-215-871-11	METAL OXIDE	2.2K	5%	1W	F
R6710	1-217-158-00	METAL	0.47	10%	5W		R6860	1-215-923-00	METAL OXIDE	10K	5%	3W	F
R6711	1-215-471-00	METAL	120K	1%	1/4W								
R6712	1-215-451-00	METAL	18K	1%	1/4W		R6861	1-216-295-91	SHORT	0			
							R6862	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R6713	1-249-423-11	CARBON	3.3K	5%	1/4W		R6863	1-215-894-11	METAL OXIDE	2.2K	5%	2W	F
R6714	1-249-423-11	CARBON	3.3K	5%	1/4W		R6864	1-216-081-00	RES,CHIP	22K	5%	1/10W	
	1-249-429-11	CARBON		5%	1/4W		R6865	1-216-103-00	RES,CHIP	180K	5%	1/10W	
	1-249-429-11	CARBON		5%	1/4W				,			-,	
R6802	1-249-429-11	CARBON		5%	1/4W		R6866	1-215-433-00	METAL	3.3K	1%	1/4W	
110002	1-447-447-11	CUUDON	101	J /0	1/4 VV		R6867	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
D 6002	1 216 072 00	DEC CITID	10V	50/	1/10337		R6868	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
R6803	1-216-073-00	RES,CHIP		5%	1/10W		R6869	1-216-005-91	RES,CHIP	560K	5%	1/10W	
	1-208-796-11	METAL CHIP			1/10W				· · · · · · · · · · · · · · · · · · ·	2.2K			
	1-215-441-00	METAL		1%	1/4W		R6870	1-216-057-00	RES,CHIP	2.2 <b>K</b>	5%	1/10W	
	1-215-435-00	METAL		1%	1/4W		D <071	1 200 022 11	METAL CHIP	4577	0.500/	1 /1 0117	
R6807	1-249-383-11	CARBON	1.5	5%	1/4W	F	R6871	1-208-822-11	METAL CHIP	47K		1/10W	
							R6872	1-260-125-11	CARBON	150K	5%	1/2W	
R6810	1-214-798-21	METAL	1.8	1%	1/2W		R6873	1-260-125-11	CARBON	150K	5%	1/2W	
R6811	1-215-913-11	METAL OXIDE	220	5%	3W	F	R6875	1-247-831-91	CARBON	1K	5%	1/4W	
	1-247-843-11	CARBON	3.3K	5%	1/4W		R6876	1-216-391-11	METAL OXIDE	1.5	5%	3W	F
	1-214-798-21	METAL		1%	1/2W								
	1-216-057-00	RES,CHIP		5%	1/10W		R6877	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W	
		,					R6878	1-208-770-11	METAL CHIP	330		1/10W	
R6815	1-208-801-11	METAL CHIP	6.2K	0.50%	1/10W		R6880	1-215-441-00	METAL	6.8K	1%	1/4W	
					1/10W 1/2W		R6881	1-215-453-00	METAL	22K	1%	1/4W	
	1-214-915-00	METAL		1%			R6882	1-215-456-00	METAL	30K	1%	1/4W	
	1-215-485-00	METAL		1%	1/4W		R6883	1-208-806-11	METAL CHIP	10K		1/4 W 1/10W	
	1-249-421-11	CARBON		5%	1/4W					10K 100K			
R6820	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R6884	1-249-441-11	CARBON	1001	5%	1/4W	
							D C 0 0 5	1 200 700 11	METAL CUID	4 7W	0.500/	1/10337	
R6822	1-216-461-00	METAL OXIDE	5.6K	5%	2W	F	R6885	1-208-798-11	METAL CHIP	4.7K		1/10W	
R6823	1-215-895-11	METAL OXIDE	3.3K	5%	2W	F	R6886	1-208-798-11	METAL CHIP	4.7K	0.50%	1/10W	



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R6887	1-216-081-00	RES,CHIP	22K	5%	1/10W	*	A-1343-742-A	D1 BOARD MOUN	NT		
R6888	1-216-089-91	RES,CHIP	47K	5%	1/10W		11 13 13 7 12 11	******			
R6889	1-260-125-11	CARBON	150K	5%	1/2W						
							4-027-606-01	HEAT SINK (TO-2	20 TYPE)		
R6890	1-260-125-11	CARBON	150K	5%	1/2W		4-382-854-11	SCREW (M3X10),			
R6891	1-216-069-00	RES,CHIP	6.8K	5%	1/10W						
R6892	1-216-097-91	RES,CHIP	100K	5%	1/10W						
R6893	1-216-085-00	RES,CHIP	33K	5%	1/10W			<capacitor></capacitor>			
R6894	1-260-133-11	CARBON	680K	5%	1/2W						
						C6101	1-107-714-11	ELECT	10MF	20%	50V
R6895	1-216-097-91	RES,CHIP	100K	5%	1/10W	C6102	1-109-953-11	ELECT	2.2MF	20%	50V
R6896	1-216-089-91	RES,CHIP	47K	5%	1/10W	C6103	1-107-714-11	ELECT	10MF	20%	50V
R6897	1-216-097-91	RES,CHIP	100K	5%	1/10W	C6104	1-126-965-11	ELECT	22MF	20%	50V
R6899	1-216-073-00	RES,CHIP	10K	5%	1/10W	C6105	1-104-665-11	ELECT	100MF	20%	25V
R6900	1-208-810-11	METAL CHIP	15K	0.50%	1/10W	94404		ann i i a a airin	0.0450.55	400/	2577
D (001	1 200 010 11	METAL CHIP	1577	0.500/	1/1033	C6106	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
R6901	1-208-810-11	METAL CHIP	15K		1/10W	C6108	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
R6902	1-249-441-11	CARBON	100K	5%	1/4W	C6109	1-126-967-11	ELECT	47MF	20%	50V
R6903	1-215-923-00	METAL OXIDE	10K	5%	3W F	C6112	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
R6905	1-249-389-11	CARBON	4.7	5%	1/4W F	C6113	1-137-493-11	FILM	0.0047MF	5%	630V
R6906	1-216-079-00	RES,CHIP	18K	5%	1/10W	C(114	1 107 000 11	ELECT	47ME	200/	5011
D < 0.07	1 216 070 00	DEC CHID	107/	£0/	1/10W	C6114	1-107-909-11	ELECT CHIR	47MF	20%	50V 50V
R6907	1-216-079-00	RES,CHIP	18K	5%	1/10W	C6115 C6116	1-163-005-11	CERAMIC CHIP CERAMIC CHIP	470PF 0.001MF	10% 5%	50V 50V
						C6117	1-163-275-11 1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
		<relay></relay>				C6117	1-103-273-11	ELECT	47MF	20%	16V
		<relat></relat>				C0116	1-107-909-11	ELECT	4/IVII	20%	10 V
RY6601	1-515-840-11	RELAY				C6120	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
	1-755-357-11	RELAY, AC POWE	R			C6121	1-126-963-11	ELECT	4.7MF	20%	50V
	1-755-357-11	RELAY, AC POWE				C6122	1-126-967-11	ELECT	47MF	20%	50V
111 0000	1 700 007 11	100011,1101011				C6123	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
						C6125	1-104-664-11	ELECT	47MF	20%	50V
		<transformer< td=""><td>&gt;</td><td></td><td></td><td>00120</td><td>1 10 1 00 1 11</td><td>BBBCT</td><td>1,1,11</td><td>2070</td><td>201</td></transformer<>	>			00120	1 10 1 00 1 11	BBBCT	1,1,11	2070	201
						C6127	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
T6601 🛝	1-431-732-11	TRANSFORMER,	CONVERTE	R (SRT)		C6128	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
	1-435-081-11	TRANSFORMER,				C6129	1-126-964-11	ELECT	10MF	20%	50V
T6800	1-433-081-11	TRANSFORMER,		X (111)		C6131	1-126-964-11	ELECT	10MF	20%	50V
T6801	1-433-934-11	TRANSFORMER,		ET)		C6133	1-137-194-81	MYLAR	0.47MF	5%	50V
T6802	1-433-489-11	TRANSFORMER,	,	,							
10002	1 .55 .65 11	THE HOT OTHER	. 2	21)		C6136	1-129-716-00	FILM	0.015MF	5%	630V
T6803 ∧	1-453-325-11	FBT ASSY NX-452	22//I1R4			C6138	1-126-968-11	ELECT	100MF	20%	50V
T6804	1-433-489-11	TRANSFORMER,		DT)		C6139	1-107-902-11	ELECT	1MF	20%	50V
10004	1 433 407 11	TREATION ORGALIA,	TERRETE (III	D1)		C6140	1-126-960-11	ELECT	1MF	20%	50V
						C6201	1-126-967-11	ELECT	47MF	20%	50V
		<thermistor></thermistor>				G < 2.02		DY DOM	4 <b>5</b> 0 500	2001	-011
						C6202	1-126-967-11	ELECT	47MF	20%	50V
TH6601	1-803-540-11	THERMISTOR				C6203	1-126-967-11	ELECT	47MF	20%	50V
TH6603	1-803-586-11	THERMISTOR, N	ΓC			C6204	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
						C6205 C6206	1-163-021-91	CERAMIC CHIP ELECT	0.01MF 10MF	10%	50V 50V
						C0200	1-126-964-11	ELECI	IUNIF	20%	30 V
		<varistor></varistor>				C6207	1-126-967-11	ELECT	47MF	20%	50V
						C6208	1-126-967-11	ELECT	47MF	20%	50V
VD6601	1-803-614-11	VARISTOR				C6209	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
						C6210	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
						C6211	1-126-964-11	ELECT	10MF	20%	50V
***	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	****	****	****	****						
~~~~ <del>~</del> ~~	~~~~~~~~~~	*******	~~~~~~~	~~~~~~	****	C6212	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C6350	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C6351	1-126-967-11	ELECT	47MF	20%	50V
						C6353	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
						C6355	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
						a		ann		4.0	2577
						C6356	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
						C6358	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C6361	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C6362	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
						C6365	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V



REF. NO	. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMA	RK
C6376	1-104-664-11	ELECT	47MF	20%	16V			<ic link=""></ic>				
C6377	1-128-551-11	ELECT	22MF	20%	25V							
C6378	1-115-339-11	CERAMIC CHIP	0.1MF	10%	50V	PS6101	1-533-589-31	LINK, IC				
C6380	1-136-495-11	MYLAR	0.068MF	5%	50V							
C6381	1-126-964-11	ELECT	10MF	20%	50V			<transistor></transistor>				
C6385	1-104-664-11	ELECT	47MF	20%	25V			<1RANSISTOR>				
C6386	1-104-664-11	ELECT	47MF	20%	25V 25V	Q6103	8-729-046-33	TRANSISTOR IR	F720-LF49			
C6388	1-126-964-11	ELECT	10MF	20%	50V	Q6103 Q6104	8-729-230-49	TRANSISTOR 2S				
C6392	1-104-664-11	ELECT	47MF	20%	25V	Q6105	8-729-230-49	TRANSISTOR 2S				
C6409	1-126-963-11	ELECT	4.7MF	20%	50V	Q6106	8-729-026-49	TRANSISTOR 2S		46-R		
						Q6107	8-729-140-93	TRANSISTOR 2S	B733-34			
		<connector></connector>				Q6108	8-729-026-49	TRANSISTOR 2S	A 1037 A K - T1	16-R		
		CONTILCTOR				Q6118	8-729-230-49	TRANSISTOR 2S		10 IC		
CN6100	1-793-498-11	CONNECTOR, BO	OARD TO BO	ARD 50	P	Q6124	8-729-422-33	TRANSISTOR 2S				
	* 1-564-525-11	PLUG, CONNECT			•	Q6125	8-729-230-49	TRANSISTOR 2S				
	1-564-518-11	PLUG, CONNECT				Q6126	8-729-026-49	TRANSISTOR 2S.		46-R		
	* 1-564-523-11	PLUG, CONNECT										
						Q6128	8-729-230-49	TRANSISTOR 2S	C2712-YG			
						Q6201	8-729-230-49	TRANSISTOR 2S	C2712-YG			
		<diode></diode>				Q6202	8-729-230-49	TRANSISTOR 2S	C2712-YG			
						Q6203	8-729-422-33	TRANSISTOR 2S	D601A-Q-TX			
D6101	8-719-510-02	DIODE D1NS4				Q6350	8-729-230-49	TRANSISTOR 2S	C2712-YG			
D6102	8-719-510-02	DIODE D1NS4										
D6103	8-719-063-73	DIODE D1NL20U	-TR			Q6356	8-729-230-49	TRANSISTOR 2S	C2712-YG			
D6104	8-719-911-19	DIODE 1SS119-25				Q6405	8-729-026-49	TRANSISTOR 2S.	A1037AK-T1	46-R		
D6105	8-719-109-60	DIODE RD2.7ESB	2			Q6455	8-729-230-49	TRANSISTOR 2S	C2712-YG			
D6106	8-719-510-02	DIODE D1NS4										
D6108	8-719-911-19	DIODE 1SS119-25						<resistor></resistor>				
D6110	8-719-987-87	DIODE ERA85-00				D (101		DEG GIVE	100	<b>-</b> 0.	4 /4 0 ***	
D6133	8-719-911-19	DIODE 1SS119-25				R6101	1-216-025-91	RES,CHIP	100	5%	1/10W	
D6134	8-719-911-19	DIODE 1SS119-25				R6103	1-216-049-91	RES,CHIP	1K	5%	1/10W	
D (20)4	0.510.100.00	DYODE DD 7 (EGD				R6104	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
D6201	8-719-109-88	DIODE RD5.6ESB				R6105	1-208-798-11	METAL CHIP	4.7K		1/10W	
D6210	8-719-109-88	DIODE RD5.6ESB				R6106	1-208-798-11	METAL CHIP	4.7K	0.50%	1/10W	
D6350	8-719-914-43	DIODE DAN202K				D <107	1 21 6 057 00	DEG CIND	2 217	50/	1 /1 0117	
D6351	8-719-914-43	DIODE DAN202K				R6107	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
D6355	8-719-914-43	DIODE DAN202K				R6108	1-216-073-00	RES,CHIP	10K	5%	1/10W	
DC404	8-719-914-43	DIODE DAMAGAZ				R6109	1-216-073-00	RES,CHIP SHORT	10K 0	5%	1/10W	
D6404	8-719-914-43	DIODE DAN202K				R6110	1-216-295-91		75K	0.500/	1/10337	
						R6112	1-208-827-11	METAL CHIP	/3K	0.50%	1/10W	
		<ic></ic>				R6113	1-216-089-91	RES,CHIP	47K	5%	1/10W	
						R6114	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	
IC6101	8-752-053-21	IC CXA1211M				R6115	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	
IC6102	8-759-450-95	IC LM393N				R6116	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
IC6103	8-759-450-95	IC LM393N				R6117	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	
IC6104	8-759-803-42	IC LA6500-FA										
IC6105	8-759-450-95	IC LM393N				R6118	1-208-810-11	METAL CHIP	15K	0.50%	1/10W	
						R6119	1-208-796-11	METAL CHIP	3.9K	0.50%	1/10W	
IC6106	8-759-198-31	IC UPC1093J-1-T				R6120	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	
IC6108	8-759-567-08	IC MB88141APF-I	ER			R6121	1-216-490-11	METAL OXIDE	39K	5%	3W	F
IC6201	8-759-183-37	IC CA0007AD				R6122	1-216-295-91	SHORT	0			
IC6202	8-759-135-80	IC UPC358C										
IC6351	8-759-450-95	IC LM393N				R6123	1-208-782-11	METAL CHIP	1K		1/10W	
٠٠ هـ سري		**************************************				R6124	1-208-808-11	METAL CHIP	12K		1/10W	
IC6353	8-759-231-53	IC TA7805S				R6125	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
IC6354	8-759-325-48	IC CA0005AD				R6126	1-208-798-11	METAL CHIP	4.7K		1/10W	
IC6356	8-759-822-38	IC LA6510				R6127	1-208-832-11	METAL CHIP	120K	0.50%	1/10W	
						R6128	1-208-838-91	METAL CHIP	220K	0.50%	1/10W	
		<coil></coil>				R6129	1-216-353-00	METAL OXIDE	2.2	5%		F
		.0012				R6130	1-216-073-00	RES,CHIP	10K	5%	1/10W	
L6101	1-416-920-11	INDUCTOR	10MMH			R6131	1-208-822-11	METAL CHIP	47K		1/10W	
L6102	1-406-989-21	INDUCTOR	10MMH			R6133	1-208-812-11	METAL CHIP	18K		1/10W	
									-			
						I						

## KV-ES29M90 RM-916



REF. NO	PART NO.	DESCRIPTION			REMA	RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R6134	1-208-806-11	METAL CHIP	10K	0.50%	1/10W		R6216	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R6135	1-216-073-00	RES,CHIP	10K	5%	1/10W		R6217	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6136	1-260-099-11	CARBON	1K	5%	1/2W							
R6137	1-216-049-91	RES,CHIP	1K	5%	1/10W	,	R6218	1-208-836-11	METAL CHIP	180K	0.50%	1/10W
R6138	1-208-798-11	METAL CHIP	4.7K	0.50%	1/10W		R6219	1-208-782-11	METAL CHIP	1K	0.50%	1/10W
							R6220	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
R6139	1-208-806-11	METAL CHIP	10K	0.50%	1/10W		R6221	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
R6140	1-216-077-91	RES,CHIP	15K	5%	1/10W		R6222	1-216-295-91	SHORT	0		
R6141	1-208-830-11	METAL CHIP	100K	0.50%	1/10W							
R6142	1-208-806-11	METAL CHIP	10K	0.50%	1/10W		R6223	1-216-295-91	SHORT	0		
R6143	1-208-800-11	METAL CHIP	5.6K		1/10W		R6224	1-208-824-11	METAL CHIP	56K	0.50%	1/10W
							R6225	1-208-824-11	METAL CHIP	56K		1/10W
R6144	1-208-834-11	METAL CHIP	150K	0.50%	1/10W		R6226	1-216-033-00	RES,CHIP	220	5%	1/10W
R6146	1-208-822-11	METAL CHIP	47K	0.50%	1/10W		R6227	1-216-033-00	RES,CHIP	220	5%	1/10W
R6149	1-208-824-11	METAL CHIP	56K	0.50%	1/10W				,			
R6150	1-208-806-11	METAL CHIP	10K		1/10W		R6324	1-216-017-91	RES,CHIP	47	5%	1/10W
R6151	1-216-049-91	RES,CHIP	1K	5%	1/10W		R6325	1-216-017-91	RES,CHIP	47	5%	1/10W
		,-					R6326	1-208-808-11	METAL CHIP	12K		1/10W
R6152	1-216-081-00	RES,CHIP	22K	5%	1/10W		R6327	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R6153	1-216-105-91	RES,CHIP	220K	5%	1/10W		R6350	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R6154	1-208-796-11	METAL CHIP	3.9K		1/10W				<i>y</i> =	-		
R6155	1-208-822-11	METAL CHIP	47K		1/10W		R6357	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R6156	1-216-077-91	RES,CHIP	15K	5%	1/10W		R6359	1-216-097-91	RES,CHIP	100K	5%	1/10W
		,		- / 0	0 11		R6360	1-216-073-00	RES,CHIP	10K	5%	1/10W
R6157	1-216-089-91	RES,CHIP	47K	5%	1/10W		R6361	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6158	1-216-689-11	RES,CHIP	39K	5%	1/10W		R6367	1-208-808-11	METAL CHIP	12K		1/10W
R6159	1-208-798-11	METAL CHIP	4.7K		1/10W		10307	1 200 000 11	WENTE CHI	1211	0.5070	1,1011
R6161	1-208-818-11	METAL CHIP	33K		1/10W		R6368	1-208-810-11	METAL CHIP	15K	0.50%	1/10W
R6162	1-216-049-91	RES,CHIP	1K	5%	1/10W		R6375	1-216-041-00	RES,CHIP	470	5%	1/10W
10102	1 210 047 71	RLD,CIII	110	370	1/10 11		R6378	1-215-473-00	METAL	150K	1%	1/4W
R6168	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R6379	1-216-295-91	SHORT	0	170	1/4**
R6169	1-208-806-11	METAL CHIP	10K		1/10W		R6382	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6170	1-216-037-00	RES,CHIP	330	5%	1/10W		10302	1 200 030 11	WIET TE CITI	1001	0.5070	1/10 **
R6171	1-216-113-00	RES,CHIP	470K	5%	1/10W		R6385	1-216-295-91	SHORT	0		
R6171	1-216-105-91	RES,CHIP	220K	5%	1/10W		R6386	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
K0172	1-210-103-71	KL5,CIII	220K	370	1/10**		R6391	1-216-049-91	RES,CHIP	1K	5%	1/10W
R6173	1-216-097-91	RES,CHIP	100K	5%	1/10W		R6394	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
R6174	1-216-081-00	RES,CHIP	22K	5%	1/10W		R6413	1-208-806-11	METAL CHIP	10K		1/10W
R6175	1-208-816-11	METAL CHIP	27K		1/10W		10413	1 200 000 11	WIET TE CITI	101	0.5070	1/10 **
R6176	1-249-389-11	CARBON	4.7	5%	1/4W		R6416	1-208-808-11	METAL CHIP	12K	0.50%	1/10W
R6177	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R6418	1-216-113-00	RES,CHIP	470K	5%	1/10W
10177	1 210 005 71	RES,CIII	1.711	570	1, 10 11		R6419	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6178	1-249-389-11	CARBON	4.7	5%	1/4W	F	R6420	1-216-111-00	RES,CHIP	390K	5%	1/10W
R6179	1-216-101-00	RES,CHIP	150K	5%	1/10W		R6433	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6180	1-216-057-00	*	2.2K	5%	1/10W		10133	1 210 0)7 )1	ras,erm	10011	370	1,1011
R6181	1-216-105-91	RES,CHIP	220K	5%	1/10W		R6438	1-215-437-00	METAL	4.7K	1%	1/4W
R6190	1-216-057-00	RES,CHIP	2.2K	5%	1/10W		R6442	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
10170	1 210 037 00	,	2.21	570	1,1011		R6456	1-216-097-91	RES,CHIP	100K	5%	1/10W
R6192	1-216-295-91	SHORT	0				R6457	1-208-814-91	METAL CHIP	22K		1/10W
R6195	1-208-806-11	METAL CHIP	10K	0.50%	1/10W		R6458	1-216-089-91	RES,CHIP	47K	5%	1/10W
R6196	1-249-377-11	CARBON	0.47	5%	1/4W		10,750	1 210 007 71	,	1/11	570	2/1011
R6200	1-249-377-11	METAL CHIP	470K		1/4 W		R6459	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R6201	1-247-750-11	CARBON	680	5%	1/2W			1-238-786-11	RES,ADJ	5K	370	1/10 **
K0201	1-247-730-11	CARDON	000	370	1/2 **	1	KVOIOO	1-230-700-11	KLS,AD3	ж		
R6202	1-216-061-00	RES,CHIP	3.3K	5%	1/10W							
R6202	1-215-906-11	METAL OXIDE	3.3K 15		1/10W 3W							
			2.2K	5%			*****	*****	******	*****	*****	*****
R6204	1-216-057-00	RES,CHIP		5% 5%	1/10W							
R6206 R6207	1-216-033-00 1-208-794-11	RES,CHIP METAL CHIP	220 3.3K	5% 0.50%	1/10W 1/10W							
K0207	1-200-794-11	METAL CHIP	J.JK	0.30%	1/10W							
D 6200	1 200 000 11	METAL CUID	10V	0.500/	1/1033							
R6208	1-208-806-11	METAL CHIP	10K		1/10W							
R6209	1-216-099-00	RES,CHIP	120K	5%	1/10W							
R6210	1-216-057-00	RES,CHIP	2.2K	5%	1/10W							
R6211	1-216-073-00	RES,CHIP	10K	5%	1/10W							
D6212	1 216 057 00	DEC CIUD	2.21/	50/	1/100							
R6212	1-216-057-00	RES,CHIP	2.2K	5%	1/10W							
R6213	1-216-097-91	RES,CHIP	100K	5%	1/10W							
R6215	1-216-089-91	RES,CHIP	47K	5%	1/10W							





REF. NO	. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	k A 1242 701 A	DIL DO A DD MOU	NIT			C4244	1 162 900 11	CED AMIC CHID	0.047ME	100/	25V
	A-1343-791-A	DH BOARD MOU *************				C4344 C4345	1-163-809-11	CERAMIC CHIP ELECT	0.047MF 47MF	10% 20%	50V
			•			C4345 C4346	1-126-967-11			20%	
							1-164-346-11	CERAMIC CHIP	1MF	100/	16V
		CONNECTOR				C4347	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
		<connector></connector>				C4348	1-164-346-11	CERAMIC CHIP	1MF		16V
CN3801	1-695-915-11	TAB (CONTACT)				C4349	1-164-346-11	CERAMIC CHIP	1MF		16V
CN3803	1-695-915-11	TAB (CONTACT)				C4350	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
		(,				C4351	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
						C4352	1-126-967-11	ELECT	47MF	20%	50V
		<neon lamp=""></neon>				C4353	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
NL3801	1-576-414-21	GAP, SPARK				C4354	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
						C4355	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C4356	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
		<resistor></resistor>				C4357	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C4358	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
R3811	1-219-510-11	CARBON	470K	5%	1/2W						
R3812	1-219-759-11	CARBON	1M	5%	1/2W	C4359	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
						C4360	1-126-963-11	ELECT	4.7MF	20%	50V
						C4362	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C4363	1-126-967-11	ELECT	47MF	20%	50V
*****	******	******	*****	*****	*****	C4364	1-126-967-11	ELECT	47MF	20%	50V
:	* A-1343-743-B	E BOARD MOUN	Γ			C4366	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
		******	**			C4367	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
						C4369	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
						C4370	1-126-967-11	ELECT	47MF	20%	50V
		<capacitor></capacitor>				C4371	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C4301	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4378	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C4308	1-126-960-11	ELECT	1MF	20%	50V	C4800	1-136-165-00	MYLAR	0.1MF	5%	50V
C4309	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V	C4801	1-136-165-00	MYLAR	0.1MF	5%	50V
C4316	1-104-664-11	ELECT	47MF	20%	25V	C4802	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C4317	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4803	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C4318	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4804	1-126-967-11	ELECT	47MF	20%	50V
C4319	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4805	1-126-964-11	ELECT	10MF	20%	50V
C4320	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4806	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C4321	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4808	1-136-165-00	MYLAR	0.1MF	5%	50V
C4321	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4809	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V
C+322	1 104 004 11	CLICIONIC CITI	0.11411	1070	23 1	C4007	1 103 273 11	CLIC IVIIC CIII	0.0011111	370	301
C4324	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4811	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C4325	1-163-093-00	CERAMIC CHIP	10PF	5%	50V	C4812	1-126-967-11	ELECT	47MF	20%	50V
C4326	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4813	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C4327	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4814	1-126-967-11	ELECT	47MF	20%	50V
C4328	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4816	1-163-227-11	CERAMIC CHIP	10PF	5%	50V
C4329	1-126-963-11	ELECT	4.7MF	20%	50V	C4817	1-126-967-11	ELECT	47MF	20%	50V
C4330	1-136-244-11	FILM	0.1MF	5%	50V	C4818	1-126-961-11	ELECT	2.2MF	20%	50V
C4331	1-126-959-11	ELECT	0.47MF	20%	50V	C4820	1-107-909-11	ELECT	47MF	20%	50V
C4332	1-136-161-00	MYLAR	0.047MF	5%	50V	C4821	1-107-909-11	ELECT	47MF	20%	16V
C4333	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4822	1-107-909-11	ELECT	47MF	20%	16V
C4224	1 126 067 11	ELECT	47ME	200/	50V	C4922	1 162 017 00	CED AMIC CHID	0.004 <b>7M</b> E	100/	50V
C4334 C4335	1-126-967-11 1-126-933-11	ELECT	47MF 100MF	20% 20%	50V 16V	C4823 C4824	1-163-017-00 1-163-809-11	CERAMIC CHIP CERAMIC CHIP	0.0047MF 0.047MF	10% 10%	25V
C4333		ELECT	47MF	20%	50V	C4825			0.047MF 0.047MF	10%	25V 25V
C4336 C4337	1-126-967-11 1-163-021-91				50V 50V	C4825 C4833	1-163-809-11	CERAMIC CHIP ELECT			
		CERAMIC CHIP	0.01MF	10%			1-126-964-11		10MF	20%	50V
C4338	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C4834	1-126-933-11	ELECT	100MF	20%	16V
C4339	1-163-235-11	CERAMIC CHIP	22PF	5%	50V						
C4340	1-126-967-11	ELECT	47MF	20%	50V			<connector></connector>			
C4341	1-163-227-11	CERAMIC CHIP	10PF	0.5PF				<del>-</del>			
C4342	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	CN4101	1-793-497-11	CONNECTOR, BO	ARD TO BO	ARD 40	P
C4343	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V		1-564-512-11	PLUG, CONNECT			
							1-564-506-11	PLUG, CONNECT			
							1-900-251-21	CONNECTOR ASS			



REF N	O. PART NO.	DESCRIPTION		REMARK	REF NO	PART NO.	DESCRIPTION			REMARK
		<diode></diode>			Q4308	8-729-026-49	TRANSISTOR 2S.			
			_		Q4310	8-729-026-49	TRANSISTOR 2S.			
D4303	8-719-109-72	DIODE RD3.9ESE	32		Q4315	1-801-806-11	TRANSISTOR DT		16	
D4304	8-719-977-22	DIODE DTZ9.1			Q4316	8-729-230-49	TRANSISTOR 2S			
D4305	8-719-977-22	DIODE DTZ9.1			Q4317	8-729-900-53	TRANSISTOR DT	C114EK		
D4311	8-719-914-43	DIODE DAN202K			0.4210	9 730 037 40	TD ANGICTOD AC	A 1027 A IZ T1 4	c D	
D4312	8-719-914-43	DIODE DAN202K			Q4319	8-729-026-49	TRANSISTOR 2S.			
D4212	9.710.401.62	DIODE MA20COM	TTV		Q4320	8-729-026-49	TRANSISTOR 2S.			
D4313	8-719-401-63	DIODE DANSON			Q4321	8-729-026-49	TRANSISTOR 2S.			
D4800	8-719-914-43	DIODE DAN202K DIODE DAN202K			Q4322	8-729-026-49	TRANSISTOR 2S. TRANSISTOR 2S		0-K	
D4801 D4802	8-719-914-43 8-719-109-81	DIODE RD4.7ESE			Q4800	8-729-230-49	TRANSISTOR 250	2/12-1G		
D4802 D4803	8-719-911-19	DIODE 1SS119-25			Q4801	8-729-120-28	TRANSISTOR 2S	C1623-I 5I 6		
D+003	0-717-711-17	DIODE 133117-23	<b>,</b>		Q4801 Q4802	8-729-230-49	TRANSISTOR 2S			
D4804	8-719-911-19	DIODE 1SS119-25	(		Q4802 Q4803	8-729-230-49	TRANSISTOR 2S			
D4807	8-719-914-43	DIODE DAN202K			Q4804	8-729-230-49	TRANSISTOR 2S			
D4808	8-719-914-43	DIODE DAN202K			Q4805	8-729-230-49	TRANSISTOR 2S			
D4809	8-719-914-43	DIODE DAN202K			Q 1005	0 727 230 17	THE II VOID FOR 25	02/12 10		
D4811	8-719-109-54	DIODE RD2.2ESE			Q4806	8-729-230-49	TRANSISTOR 2S	C2712-YG		
2.011	2 . 17 107 54				Q4807	8-729-230-49	TRANSISTOR 2S			
D4813	8-719-914-43	DIODE DAN202K			Q4808	8-729-026-49	TRANSISTOR 2S.		6-R	
D4814	8-719-914-43	DIODE DAN202K			Q4809	8-729-026-49	TRANSISTOR 2S.			
D4816	8-719-911-19	DIODE 1SS119-25			Q4810	8-729-230-49	TRANSISTOR 2S			
								-		
					Q4811	8-729-230-49	TRANSISTOR 2S	C2712-YG		
		<ferrite bead<="" td=""><td>&gt;</td><td></td><td>Q4812</td><td>8-729-026-49</td><td>TRANSISTOR 2S.</td><td>A1037AK-T14</td><td>6-R</td><td></td></ferrite>	>		Q4812	8-729-026-49	TRANSISTOR 2S.	A1037AK-T14	6-R	
					Q4813	8-729-026-49	TRANSISTOR 2S.	A1037AK-T14	6-R	
FB4387	1-216-295-91	SHORT	0		Q4814	8-729-026-49	TRANSISTOR 2S.	A1037AK-T14	6-R	
FB4388	3 1-216-295-91	SHORT	0		Q4815	8-729-026-49	TRANSISTOR 2S.	A1037AK-T14	6-R	
FB4389	1-216-295-91	SHORT	0							
					Q4816	8-729-026-49	TRANSISTOR 2S.		6-R	
					Q4817	8-729-230-49	TRANSISTOR 2S			
		<ic></ic>			Q4818	8-729-026-49	TRANSISTOR 2S.		6-R	
					Q4820	8-729-230-49	TRANSISTOR 2S			
IC4301		IC CXA2100AQ			Q4821	1-801-806-11	TRANSISTOR DT	C144EKA-T14	46	
IC4800		IC LM393N								
IC4801		IC LM393N			Q4822	8-729-230-49	TRANSISTOR 2S	C2712-YG		
IC4802		IC NJM3404AD								
IC4803	8-759-135-80	IC UPC358C					DEGICTOR.			
							<resistor></resistor>			
		<chip conduct<="" td=""><td>TOR &gt;</td><td></td><td>R4301</td><td>1-216-025-91</td><td>RES,CHIP</td><td>100</td><td>5%</td><td>1/10W</td></chip>	TOR >		R4301	1-216-025-91	RES,CHIP	100	5%	1/10W
		CIII CONDCCI	1010		R4302	1-216-025-91	RES,CHIP	100	5%	1/10W
JR4301	1-216-295-91	SHORT	0		R4303	1-216-025-91	RES,CHIP	100	5%	1/10W
011.501	1 210 270 71	5110111	•		R4304	1-216-025-91	RES,CHIP	100	5%	1/10W
					R4305	1-216-025-91	RES,CHIP	100	5%	1/10W
		<coil></coil>				2 2 2 2 7 1	,			
					R4306	1-216-025-91	RES,CHIP	100	5%	1/10W
L4301	1-412-029-11	INDUCTOR CHIP	10UH		R4307	1-216-025-91	RES,CHIP	100	5%	1/10W
L4302	1-412-029-11	INDUCTOR CHIP	10UH		R4308	1-216-295-91	SHORT	0		
L4303	1-412-029-11	INDUCTOR CHIP	10UH		R4310	1-216-295-91	SHORT	0		
L4304	1-412-029-11	INDUCTOR CHIP	10UH		R4312	1-216-295-91	SHORT	0		
L4305	1-412-029-11	INDUCTOR CHIP	10UH							
					R4313	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
L4306	1-412-029-11	INDUCTOR CHIP	10UH		R4314	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
L4308	1-412-031-11	INDUCTOR CHIP	47UH		R4316	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
L4309	1-412-031-11	INDUCTOR CHIP			R4317	1-216-081-00	RES,CHIP	22K	5%	1/10W
L4310	1-412-029-11	INDUCTOR CHIP			R4318	1-208-804-11	METAL CHIP	8.2K	0.50%	1/10W
L4311	1-412-002-31	INDUCTOR CHIP	4.7UH							
					R4319	1-208-804-11	METAL CHIP	8.2K		1/10W
		mp			R4320	1-208-790-11	METAL CHIP	2.2K		1/10W
		<transistor></transistor>			R4321	1-216-298-00	RES,CHIP	2.2	5%	1/10W
0.100	0.720.250	mp ( ) vorozen e e	00510 X/C		R4323	1-208-814-91	METAL CHIP	22K		1/10W
Q4301	8-729-230-49	TRANSISTOR 2SO			R4324	1-208-798-11	METAL CHIP	4.7K	0.50%	1/10W
Q4302	8-729-026-49	TRANSISTOR 2SA			D 4007	1 200 010 11	A COUNTY OF THE STATE OF THE ST	2217	0.500:	1 (1011
Q4303	8-729-120-28	TRANSISTOR 2SO			R4325	1-208-818-11	METAL CHIP	33K		1/10W
Q4304	8-729-230-49	TRANSISTOR 2S			R4326	1-208-826-11	METAL CHIP	68K		1/10W
Q4307	8-729-026-49	TRANSISTOR 2SA	1103/MN-1140-K		R4327	1-208-822-11	METAL CHIP	47K	0.30%	1/10W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R4329	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	R4410	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4330	1-216-089-91	RES,CHIP	47K	5%	1/10W	R4411	1-216-073-00	RES,CHIP	10K	5%	1/10W
K4330	1-210-007-71	KL5,CIII	7/IX	370	1/10 **	R4412	1-216-073-00	RES,CHIP	100K	5%	1/10W
D 4221	1 216 025 01	DEC CHID	100	50/	1/10337	R4518					
R4331	1-216-025-91	RES,CHIP	100	5%	1/10W		1-216-025-91	RES,CHIP	100	5%	1/10W
R4332	1-216-025-91	RES,CHIP	100	5%	1/10W	R4519	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4333	1-216-025-91	RES,CHIP	100	5%	1/10W						
R4334	1-216-049-91	RES,CHIP	1K	5%	1/10W	R4520	1-216-025-91	RES,CHIP	100	5%	1/10W
R4335	1-216-025-91	RES,CHIP	100	5%	1/10W	R4521	1-216-025-91	RES,CHIP	100	5%	1/10W
						R4800	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4336	1-216-025-91	RES,CHIP	100	5%	1/10W	R4801	1-216-049-91	RES,CHIP	1K	5%	1/10W
R4337	1-216-025-91	RES,CHIP	100	5%	1/10W	R4802	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4338	1-216-041-00	RES,CHIP	470	5%	1/10W			,			
R4339	1-216-051-00	RES,CHIP	1.2K	5%	1/10W	R4803	1-216-049-91	RES,CHIP	1K	5%	1/10W
R4341	1-216-295-91	SHORT	0	370	1/10 **	R4804	1-216-073-00	RES,CHIP	10K	5%	1/10W
K4541	1-210-293-91	SHOKI	U					,			
						R4805	1-208-792-11	METAL CHIP	2.7K		1/10W
R4343	1-216-025-91	RES,CHIP	100	5%	1/10W	R4806	1-208-792-11	METAL CHIP	2.7K		1/10W
R4344	1-216-025-91	RES,CHIP	100	5%	1/10W	R4807	1-216-049-91	RES,CHIP	1K	5%	1/10W
R4345	1-216-075-00	RES,CHIP	12K	5%	1/10W						
R4346	1-208-812-11	METAL CHIP	18K	0.50%	1/10W	R4809	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4347	1-216-025-91	RES,CHIP	100	5%	1/10W	R4810	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
						R4811	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R4348	1-216-025-91	RES.CHIP	100	5%	1/10W	R4812	1-216-295-91	SHORT	0		
R4349	1-216-041-00	RES,CHIP	470	5%	1/10W	R4813	1-216-089-91	RES,CHIP	47K	5%	1/10W
R4349 R4350	1-216-041-00	RES,CHIP	100	5%	1/10W	K4013	1-210-009-91	KL5,CIII	4/K	370	1/10 W
						D 4014	1 21 6 007 01	DEC CIUD	10017	50/	1/10337
R4351	1-216-081-00	RES,CHIP	22K	5%	1/10W	R4814	1-216-097-91	RES,CHIP	100K	5%	1/10W
R4352	1-216-041-00	RES,CHIP	470	5%	1/10W	R4815	1-216-097-91	RES,CHIP	100K	5%	1/10W
						R4816	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4353	1-216-051-00	RES,CHIP	1.2K	5%	1/10W	R4817	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
R4354	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	R4818	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4355	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R4356	1-216-049-91	RES,CHIP	1K	5%	1/10W	R4819	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4357	1-216-073-00	RES,CHIP	10K	5%	1/10W	R4820	1-216-073-00	RES,CHIP	10K	5%	1/10W
		,		- / -	-,	R4821	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4358	1-216-071-00	RES,CHIP	8.2K	5%	1/10W	R4822	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4359	1-216-041-00	RES,CHIP	470	5%	1/10W	R4823		RES,CHIP	2.2K 2.2K	5%	1/10W 1/10W
		,				K4623	1-216-057-00	кез,спіг	2.2 <b>K</b>	370	1/10 W
R4360	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	D 4004	1 21 6 072 00	DEG CIHD	1017	50/	1 /1 0337
R4361	1-216-133-00	RES,CHIP	3.3M	5%	1/10W	R4824	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4363	1-216-025-91	RES,CHIP	100	5%	1/10W	R4825	1-216-073-00	RES,CHIP	10K	5%	1/10W
						R4826	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4365	1-216-025-91	RES,CHIP	100	5%	1/10W	R4827	1-216-295-91	SHORT	0		
R4366	1-216-025-91	RES,CHIP	100	5%	1/10W	R4828	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4367	1-216-025-91	RES,CHIP	100	5%	1/10W						
R4369	1-216-025-91	RES,CHIP	100	5%	1/10W	R4829	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4370	1-216-049-91	RES,CHIP	1K	5%	1/10W	R4831	1-208-794-11	METAL CHIP	3.3K	0.50%	1/10W
		,				R4832	1-208-822-11	METAL CHIP	47K		1/10W
R4372	1-216-049-91	RES,CHIP	1K	5%	1/10W	R4833	1-208-822-11	METAL CHIP	47K		1/10W
R4372 R4373	1-216-295-91	SHORT	0	370	1/10 **	R4834	1-208-790-11	METAL CHIP	2.2K		1/10W
R4373 R4374			100	50/	1/1037	K4034	1-200-790-11	METAL CHIP	2.2 <b>K</b>	0.50%	1/10 W
	1-216-025-91	RES,CHIP		5%	1/10W	D 4005	1 200 700 11	METAL CHID	2 217	0.500/	1 /1 0337
R4375	1-216-049-91	RES,CHIP	1K	5%	1/10W	R4835	1-208-790-11	METAL CHIP	2.2K		1/10W
R4376	1-216-025-91	RES,CHIP	100	5%	1/10W	R4836	1-208-822-11	METAL CHIP	47K		1/10W
						R4837	1-208-822-11	METAL CHIP	47K		1/10W
R4377	1-216-049-91	RES,CHIP	1K	5%	1/10W	R4838	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R4380	1-216-073-00	RES,CHIP	10K	5%	1/10W	R4839	1-208-804-11	METAL CHIP	8.2K	0.50%	1/10W
R4381	1-216-129-00	RES,CHIP	2.2M	5%	1/10W						
R4382	1-216-073-00	RES,CHIP	10K	5%	1/10W	R4840	1-216-295-91	SHORT	0		
R4383	1-216-079-00	RES,CHIP	18K	5%	1/10W	R4841	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
11303	1 210 077 00	пав,сти	1011	570	1/10 11	R4842	1-208-822-11	METAL CHIP	47K		1/10W
R4384	1-216-025-91	RES,CHIP	100	5%	1/10W	R4843	1-216-057-00	RES,CHIP	2.2K	5%	1/10W 1/10W
				J%0	1/ 1U W						
R4387	1-216-295-91	SHORT	0			R4844	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W
R4388	1-216-295-91	SHORT	0								
R4389	1-216-295-91	SHORT	0			R4845	1-208-830-11	METAL CHIP	100K		1/10W
R4395	1-216-295-91	SHORT	0			R4846	1-208-794-11	METAL CHIP	3.3K	0.50%	1/10W
						R4847	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4396	1-216-295-91	SHORT	0			R4848	1-216-073-00	RES,CHIP	10K	5%	1/10W
R4397	1-216-295-91	SHORT	0			R4849	1-216-085-00	RES,CHIP	33K	5%	1/10W
R4401	1-216-105-91	RES,CHIP	220K	5%	1/10W			**			• •
R4408	1-216-025-91	RES,CHIP	100	5%	1/10W	R4850	1-216-097-91	RES,CHIP	100K	5%	1/10W
R4409	1-216-023-91	RES,CHIP	100 10K	5%	1/10W	R4851	1-216-053-00	RES,CHIP	1.5K	5%	1/10W 1/10W
ハサナリク	1-210-073-00	KLD,CIII	101	5/0	1/10 11						
						R4852	1-216-081-00	RES,CHIP	22K	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R4853	1-216-053-00	RES,CHIP	1.5K	5%	1/10W			<resistor></resistor>			
R4854	1-216-067-00	RES,CHIP	5.6K	5%	1/10W						
						R4901	1-216-049-91	RES,CHIP	1K	5%	1/10W
R4855	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R4902 R4903	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R4856 R4857	1-216-057-00 1-208-798-11	RES,CHIP METAL CHIP	2.2K 4.7K	5% 0.50%	1/10W 1/10W	R4903 R4904	1-208-818-11 1-216-065-91	METAL CHIP RES,CHIP	33K 4.7K	5%	1/10W 1/10W
R4859	1-208-802-11	METAL CHIP	6.8K		1/10W	R4905	1-208-806-11	METAL CHIP	10K		1/10W 1/10W
R4860	1-208-778-11	METAL CHIP	680		1/10W	111,700					-,
						R4906	1-208-806-11	METAL CHIP	10K	0.50%	1/10W
R4861	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R4907	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R4862	1-208-806-11	METAL CHIP	10K		1/10W						
R4864	1-208-792-11	METAL CHIP	2.7K		1/10W						
R4865 R4866	1-208-762-11 1-216-089-91	METAL CHIP RES,CHIP	150 47K	5%	1/10W 1/10W	******	*****	*******	********	******	********
K4000	1-210-069-91	кез,спіг	4/K	370	1/10 VV						
R4869	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	*	A-1241-402-A	F1 BOARD MOU	NT		
R4871	1-208-814-91	METAL CHIP	22K	0.50%	1/10W			*******	***		
R4872	1-216-057-00	RES,CHIP	2.2K	5%	1/10W						
R4874	1-216-295-91	SHORT	0				1-533-223-11	HOLDER, FUSE			
R4875	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	*	4-374-846-01	COVER, CAPACIT	FOR, CAP TY	PE	
R4877	1-216-057-00	RES,CHIP	2.2K	5%	1/10W						
R4878	1-208-834-11	METAL CHIP	2.2K 150K		1/10W 1/10W			<capacitor></capacitor>			
R4879	1-216-105-91	RES,CHIP	220K	5%	1/10W			(CHI/ICHOIC			
R4881	1-216-295-91	SHORT	0			C1601 /\	1-104-708-11	MYLAR	0.47MF	20%	250V
R4884	1-208-822-11	METAL CHIP	47K	0.50%	1/10W		1-109-835-11	MYLAR	0.68MF	20%	250V
							1-117-703-11	CERAMIC	0.0047MF	99%	250V
R4886	1-208-826-11	METAL CHIP	68K	0.50%	1/10W	C1003 Z	1 117 703 11	CERTIFIC	0.00171111	<i>)</i>	2301
R4892	1-216-295-91	SHORT	0	£0/	1/1037						
R4894 R4895	1-216-073-00 1-216-073-00	RES,CHIP RES,CHIP	10K 10K	5% 5%	1/10W 1/10W			<connector></connector>			
K4093	1-210-073-00	KE3,CIII	1010	370	1/10 VV						
								PIN, CONNECTO			
		<crystal></crystal>						PIN, CONNECTO	R (POWER)		
							1-695-915-11	TAB (CONTACT)			
X4300	1-767-127-11	VIBRATOR, CERA	AMIC			CN1604	1-695-915-11	TAB (CONTACT)			
								<fuse></fuse>			
******	******	******	********	******	******						
						F1601	1-532-299-00	FUSE, TIME-LAG	5A/250V		
*	A-1343-817-A	E1 BOARD MOUN									
		*********	***					EEDDITE DEAD			
		CADACITOD.						<ferrite bead<="" td=""><td>&gt;</td><td></td><td></td></ferrite>	>		
		<capacitor></capacitor>				FB1601	1-410-397-21	FERRITE	1.1UH		
C4901	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	FB1602	1-410-397-21		1.1UH		
C4902	1-126-964-11	ELECT	10MF	20%	50V	FB1603	1-410-397-21		1.1UH		
C4903	1-163-275-11	CERAMIC CHIP	0.001MF	5%	50V	FB1604	1-410-397-21	FERRITE	1.1UH		
C4904	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V						
								PEGIGEOP			
		CONTRACTOR						<resistor></resistor>			
		<connector></connector>				D1601 A	1 202 710 00	COLID	1M	100/	1/200
CN/1901*	1-564-507-11	PLUG, CONNECT	YOR AP			K1601 🗥	1-202-719-00	SOLID	1M	10%	1/2W
C114301	1-304-307-11	TEOG, CONNECT	OK 41								
								<transformer< td=""><td>&lt;&gt;</td><td></td><td></td></transformer<>	<>		
		<transistor></transistor>									
						T1601	1-433-900-11	TRANSFORMER,			
Q4901	8-729-120-28	TRANSISTOR 2SO				T1602	1-433-900-11	TRANSFORMER,	LINE FILTE	R	
Q4902	8-729-120-28	TRANSISTOR 2SO		16 D							
Q4903 Q4904	8-729-026-49 8-729-026-49	TRANSISTOR 2SA TRANSISTOR 2SA						<varistor></varistor>			
V+204	0-147-040-47	TRAINDID TUR 23/	1103/AK-11	7U-IX				< valua i UR>			
						VDR161	1-803-830-31	VARISTOR (ERZV	/14D621)		
								- (	,		



REF. NO. PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
* A-1241-403-A	F2 BOARD MOU!				*	A-1372-729-A	H2 BOARD MOU			
CN1651* 1-580-843-11 CN1652* 1-691-291-11	<connector> PIN, CONNECTO PIN, CONNECTO</connector>	. ,	D) 5P		C1930 C1932	1-136-153-00 1-136-153-00	<capacitor>  MYLAR  MYLAR</capacitor>	0.01MF 0.01MF	5% 5%	50V 50V
	<switch></switch>				C1935 C1938	1-102-824-00 1-102-824-00	CERAMIC CERAMIC	470PF 470PF	5% 5%	50V 50V
S1651 A 1-571-433-21	SWITCH, PUSH (	AC POWER)					<connector></connector>			
*******	******	*******	******	******		1-564-509-11 1-564-515-11	PLUG, CONNECT			
* A-1372-728-A	H1 BOARD MOU **********						<diode></diode>			
* 4-055-304-01	HOLDER, LED				D1930 D1935	8-719-121-26 8-719-121-26	DIODE RD9.1ESI DIODE RD9.1ESI			
	<capacitor></capacitor>						<jack></jack>			
C1910 1-104-664-11 C1911 1-104-664-11 C1912 1-102-824-00	ELECT ELECT CERAMIC	47MF 47MF 470PF	20% 20% 5%	16V 16V 50V	J1931 J1932 J1933	1-770-786-11 1-537-744-11 1-770-329-11	JACK TERMINAL, S JACK, PIN 3P			
	<connector></connector>						<coil></coil>			
CN1901* 1-564-520-11	PLUG, CONNECT	TOR 5P			L1931 L1932	1-408-603-31 1-408-603-31	INDUCTOR INDUCTOR	10UH 10UH		
D1906 8-719-045-19	<diode> DIODE SPB-26M</diode>	WE					<resistor></resistor>			
D1700 6-717-0 <del>4</del> 3-17	<ic></ic>	V W1			R1933 R1934 R1935	1-247-895-91 1-247-807-31 1-247-807-31	CARBON CARBON CARBON	470K 100 100	5% 5% 5%	1/4W 1/4W 1/4W
IC1901 8-742-134-00	HYB IC SBX1981	-51P			R1936 R1952	1-247-895-91 1-249-421-11	CARBON CARBON	470K 2.2K	5% 5%	1/4W 1/4W
	<transistor></transistor>						<switch></switch>			
Q1901 8-729-030-02 Q1902 8-729-030-02	TRANSISTOR DT TRANSISTOR DT				S1931	1-692-431-21	SWITCH, TACTII	Æ		
	<resistor></resistor>				*****	*******	******	*****	*****	*****
R1911 1-249-411-11 R1913 1-249-429-11 R1914 1-249-411-11 R1915 1-249-429-11	CARBON CARBON CARBON CARBON	330 10K 330 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W	*	A-1372-730-A	H3 BOARD MOU *********			
R1916 1-249-401-11 R1917 1-247-807-31	CARBON CARBON	47 100	5% 5%	1/4W 1/4W			<connector></connector>			
R1920 1-247-807-31 R1921 1-247-807-31	CARBON CARBON	100 100 100	5% 5%	1/4W 1/4W	CN1980*	1-564-518-11	PLUG, CONNECT	TOR 3P		
							<resistor></resistor>			
*******	*******	********	******	******	R1970 R1971	1-249-416-11 1-247-831-91	CARBON CARBON	820 1K	5% 5%	1/4W 1/4W





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REF	F. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R19	72	1-249-418-11	CARBON	1.2K	5%	1/4W	C8332	1-163-249-11	CERAMIC CHIP	82PF	5%	50V
R19		1-249-420-11	CARBON	1.8K	5%	1/4W	C8333	1-115-340-11	CERAMIC CHIP	0.22MF	10%	25V
R19	74	1-247-843-11	CARBON	3.3K	5%	1/4W	C8334	1-104-664-11	ELECT	47MF	20%	16V
R19	75	1-249-427-11	CARBON	6.8K	5%	1/4W	C8335	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
R19	76	1-249-432-11	CARBON	18K	5%	1/4W	C8336	1-104-664-11	ELECT	47MF	20%	16V
							C8337	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
							C8338	1-164-346-11	CERAMIC CHIP	1MF		16V
			<switch></switch>				C8339	1-164-346-11	CERAMIC CHIP	1MF		16V
S19		1-572-198-11	SWITCH, KEYBO				C8340	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
S19'		1-572-198-11	SWITCH, KEYBO				C8341	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
S19		1-572-198-11	SWITCH, KEYBO				C8342	1-126-964-11	ELECT	10MF	20%	50V
S19' S19'		1-572-198-11 1-572-198-11	SWITCH, KEYBO SWITCH, KEYBO				C8343 C8344	1-104-664-11 1-163-021-91	ELECT CERAMIC CHIP	47MF 0.01MF	20% 10%	16V 50V
319	70	1-3/2-196-11	SWITCH, KETBO	AKD			C8344	1-105-021-91	CERAMIC CHIP	0.01ML	10%	30 V
S19		1-572-198-11	SWITCH, KEYBO				C8346	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
S19		1-572-198-11	SWITCH, KEYBO				C8347	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
S19'	79	1-572-198-11	SWITCH, KEYBO	ARD			C8348	1-126-968-11	ELECT	100MF	20%	16V
							C8349	1-117-720-11	CERAMIC CHIP	4.7MF		10V
							C8350	1-164-346-11	CERAMIC CHIP	1MF		16V
***	****	******	******	******	*****	*****	C8351	1-164-346-11	CERAMIC CHIP	1MF		16V
							C8352	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
	*	A-1394-965-A	J BOARD COMPL				C8353	1-115-340-11	CERAMIC CHIP	0.22MF	10%	25V
			******	****			C8354	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
							C8355	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
			<capacitor></capacitor>				C8356	1-164-346-11	CERAMIC CHIP	1MF		16V
							C8357	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C83	00	1-107-823-11	CERAMIC CHIP (	).47MF	10%	16V	C8358	1-164-346-11	CERAMIC CHIP	1MF		16V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8359	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8360	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	G0061	1 126 061 11	DI DOM	2.23.65	200/	5017
C83	04	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8361 C8362	1-126-961-11 1-164-004-11	ELECT CERAMIC CHIP	2.2MF 0.1MF	20% 10%	50V 25V
C83	:05	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8363	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25 V 25 V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8364	1-104-664-11	ELECT	47MF	20%	16V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8365	1-104-664-11	ELECT	47MF	20%	16V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V						
C83	09	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8366	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
							C8367	1-104-664-11	ELECT	47MF	20%	16V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8368	1-104-664-11	ELECT	47MF	20%	16V
C83		1-164-346-11		1MF		16V	C8369	1-104-664-11	ELECT	47MF	20%	16V
C83 C83		1-164-346-11 1-164-346-11	CERAMIC CHIP CERAMIC CHIP	1MF 1MF		16V 16V	C8370	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C83		1-164-346-11	CERAMIC CHIP	1MF		16V	C8371	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
							C8372	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C83	15	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8373	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C83		1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C8374	1-164-346-11	CERAMIC CHIP	1MF		16V
C83		1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	C8375	1-126-964-11	ELECT	10MF	20%	50V
C83		1-164-346-11	CERAMIC CHIP	1MF		16V	G0.25		ann is ea arm	0.43.55	400/	2511
C83	19	1-164-346-11	CERAMIC CHIP	1MF		16V	C8376	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C83	20	1 117 720 11	CERAMIC CHIP	4.7MF		10V	C8381 C8382	1-163-021-91 1-164-004-11	CERAMIC CHIP CERAMIC CHIP	0.01MF 0.1MF	10% 10%	50V 25V
C83		1-117-720-11 1-117-720-11	CERAMIC CHIP	4.7MF		10V 10V	C8386	1-163-021-91	CERAMIC CHIP	0.1MF	10%	50V
C83		1-164-346-11	CERAMIC CHIP	1MF		16V	C8390	1-126-963-11	ELECT	4.7MF	20%	50V
C83		1-164-346-11	CERAMIC CHIP	1MF		16V	00370	1 120 703 11	LLLC I	1.7111	2070	301
C83		1-117-720-11	CERAMIC CHIP	4.7MF		10V	C8391	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
							C8392	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C83		1-126-935-11	ELECT	470MF	20%	16V	C8393	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C83		1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V	C8396	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
C83		1-164-346-11	CERAMIC CHIP	1MF		16V	C8399	1-126-961-11	ELECT	2.2MF	20%	50V
C83		1-164-346-11	CERAMIC CHIP	1MF	50/	16V	C9401	1 162 021 01	CED AMIC CUIP	0.011475	100/	50V
C83	29	1-163-249-11	CERAMIC CHIP	82PF	5%	50V	C8401	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C83	30	1-164-346-11	CERAMIC CHIP	1MF		16V	C8402 C8403	1-164-346-11 1-163-037-11	CERAMIC CHIP CERAMIC CHIP	1MF 0.022MF	10%	16V 50V
C83		1-164-346-11	CERAMIC CHIP	1MF		16V 16V	C8406	1-103-037-11	ELECT	0.022MF 47MF	20%	16V
203		- 10101011	2211 11110 01111				C8407	1-104-664-11	ELECT	47MF	20%	16V 16V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C8408	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	D8305	8-719-158-35	DIODE RD9.1SB	
C8410	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8306	8-719-158-35	DIODE RD9.1SB	
C8411	1-117-720-11	CERAMIC CHIP	4.7MF		10V	D8307	8-719-158-35	DIODE RD9.1SB	
C8412	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8308	8-719-158-35	DIODE RD9.1SB	
C8413	1-117-720-11	CERAMIC CHIP	4.7MF		10V	D8309	8-719-158-35	DIODE RD9.1SB	
C8414	1-104-664-11	ELECT	47MF	20%	16V	D8310	8-719-158-35	DIODE RD9.1SB	
C8415	1-164-346-11	CERAMIC CHIP	1MF		16V	D8311	8-719-158-35	DIODE RD9.1SB	
C8416	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8312	8-719-158-35	DIODE RD9.1SB	
C8417	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	D8313	8-719-158-35	DIODE RD9.1SB	
C8418	1-126-964-11	ELECT	10MF	20%	50V	D8314	8-719-158-35	DIODE RD9.1SB	
C8419	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8315	8-719-067-40	DIODE STZ6.8N-T146	
C8424	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	D8316	8-719-067-40	DIODE STZ6.8N-T146	
C8425	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V	D8317	8-719-067-40	DIODE STZ6.8N-T146	
C8430	1-117-720-11	CERAMIC CHIP	4.7MF	50/	10V	D8318	8-719-158-35	DIODE RD9.1SB	
C8431	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	D8319	8-719-158-35	DIODE RD9.1SB	
C8432	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	D8320	8-719-158-35	DIODE RD9.1SB	
C8437	1-126-963-11	ELECT	4.7MF	20%	50V	D8321	8-719-158-35	DIODE RD9.1SB	
C8438	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8322	8-719-158-35	DIODE RD9.1SB	
C8439	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8323	8-719-158-35	DIODE RD9.1SB	
C8440	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	D8324	8-719-158-35	DIODE RD9.1SB	
C8441	1-164-346-11	CERAMIC CHIP	1MF		16V	D8325	8-719-158-35	DIODE RD9.1SB	
C8442	1-117-720-11	CERAMIC CHIP	4.7MF		10V	D8331	8-719-041-97	DIODE MA113-(TX)	
C8443	1-117-720-11	CERAMIC CHIP	4.7MF		10V				
C8444	1-117-720-11	CERAMIC CHIP	4.7MF		10V			EH TED.	
C8445	1-164-346-11	CERAMIC CHIP	1MF		16V			<filter></filter>	
C8446	1-104-664-11	ELECT	47MF	20%	16V	FL8301	1-236-071-11	ENCAPSULATED COMPONENT	
C8447	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	FL8303	1-236-071-11	ENCAPSULATED COMPONENT	
C8448	1-164-690-91	CERAMIC CHIP	0.0022MF	5%	50V	FL8304	1-236-071-11	ENCAPSULATED COMPONENT	
C8450	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V	FL8305	1-236-071-11	ENCAPSULATED COMPONENT	
C8451	1-164-505-11	CERAMIC CHIP	2.2MF		16V	FL8307	1-236-071-11	ENCAPSULATED COMPONENT	
C8452	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	FL8308	1-236-071-11	ENCAPSULATED COMPONENT	
C8453	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	FL8309	1-236-071-11	ENCAPSULATED COMPONENT	
C8454	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	FL8311	1-236-071-11	ENCAPSULATED COMPONENT	
C8455 C8456	1-104-664-11 1-104-664-11	ELECT ELECT	47MF 47MF	20% 20%	16V 16V	FL8312 FL8313	1-236-071-11 1-236-071-11	ENCAPSULATED COMPONENT ENCAPSULATED COMPONENT	
C6430	1-104-004-11	ELECT	4/1/11	2070		1.10313	1-230-0/1-11	ENCAL SOLATED COMI ONENT	
C8457 C8459	1-104-664-11 1-164-004-11	ELECT CERAMIC CHIP	47MF 0.1MF	20% 10%	16V 25V	FL8314	1-233-877-11 1-233-504-21	FILTER, LOW PASS FILTER, LOW PASS	
C8464	1-104-664-11	ELECT	47MF	20%	25 V 16V	1		FILTER, LOW PASS	
C8465	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	1 20310	1 255 504 21	TIETER, EOW TASS	
C8468	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V				
C8471	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V			<ic></ic>	
C8474	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25 V	IC8302	8-752-080-04	IC CXA2069Q	
						IC8304	8-759-460-74	IC BA05FP-E2	
						IC8305	8-759-460-79	IC BA09FP-E2	
		<connector></connector>				IC8306 IC8308	8-752-094-47 8-752-094-47	IC CXA2123AQ-T6 IC CXA2123AQ-T6	
CN8301*	1-564-524-11	PLUG, CONNECT	OR 9P			100000	0-732-074-47	IC CAA2125AQ-10	
	1-695-915-11	TAB (CONTACT)				IC8309	8-759-337-26	IC MM1115XFBE	
CN8304	1-793-498-11	CONNECTOR, BO	OARD TO BO	ARD 50	P	IC8310	8-759-572-04	IC TDA9178T/N1.118	
						IC8311	8-759-485-79	IC TC7SET08FU(TE85L)	
						IC8312	8-759-485-79	IC TC7SET08FU(TE85L)	
		<diode></diode>				IC8314	8-742-175-00	HYB IC SBX3005-11	
D8101	8-719-073-01	DIODE MA111-(K	(8.)SO						
D8301	8-719-158-35	DIODE RD9.1SB						<jack></jack>	
D8302	8-719-158-35	DIODE RD9.1SB							
D8303	8-719-158-35	DIODE RD9.1SB				J8106	1-793-787-11	JACK BLOCK, PIN 1P	
D8304	8-719-158-35	DIODE RD9.1SB				J8301	1-774-748-11	TERMINAL BLOCK, S	
						J8302 J8303	1-774-746-11 1-774-746-11	JACK BLOCK, PIN JACK BLOCK, PIN	
						J8304	1-774-746-11	JACK BLOCK, PIN	
						• JJ UT	2 , , 1 , 10 11		



REF. NO	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
T000 F	4 505 444 44	DD 1 1 1 011 D1 0 011	· an		00055	0.500.004.40	TTD LAVORATION AG			
J8305	1-695-444-11	PIN JACK BLOCK			Q8355	8-729-026-49	TRANSISTOR 2S.			
J8307	1-565-838-11	JACK BLOCK, PIN	N 2P		Q8358	1-801-806-11	TRANSISTOR DT	C144EKA-T1	46	
					Q8359	1-801-806-11	TRANSISTOR DT	C144EKA-T1	46	
					Q8360	1-801-806-11	TRANSISTOR DT	C144EKA-T1	46	
		<chip conduct<="" td=""><td>ΥΩP\</td><td></td><td>Q8361</td><td>8-729-230-49</td><td>TRANSISTOR 2S</td><td></td><td>. 10</td><td></td></chip>	ΥΩP\		Q8361	8-729-230-49	TRANSISTOR 2S		. 10	
		CHIF CONDUCT	· OK>		Q0301	0-129-230-49	TRANSISTOR 25	C2/12-10		
ID 0201	1 216 205 01	CHODT	0		00262	9 720 220 40	TD A NEIGTOD 20	C2712 VC		
JR8301	1-216-295-91	SHORT	0		Q8362	8-729-230-49	TRANSISTOR 2S			
JR8302	1-216-295-91	SHORT	0		Q8363	8-729-230-49	TRANSISTOR 2S			
JR8303	1-216-295-91	SHORT	0		Q8464	8-729-230-49	TRANSISTOR 2S	C2712-YG		
JR8304	1-216-295-91	SHORT	0		Q8465	8-729-230-49	TRANSISTOR 2S	C2712-YG		
					Q8466	8-729-230-49	TRANSISTOR 2S	C2712-YG		
		<coil></coil>			Q8512	8-729-026-49	TRANSISTOR 2S.	A1037AK-T1	46-R	
L8302	1-414-196-41	INDUCTOR	47UH							
L8303	1-414-196-41	INDUCTOR	47UH				<resistor></resistor>			
							<kesistok></kesistok>			
L8304	1-414-196-41	INDUCTOR	47UH		D0404		DEG GIVE		<b>-</b>	4 (4 0777
					R8101	1-216-022-00	RES,CHIP	75	5%	1/10W
					R8208	1-216-295-91	SHORT	0		
		<transistor></transistor>			R8209	1-216-295-91	SHORT	0		
					R8301	1-216-041-00	RES,CHIP	470	5%	1/10W
Q8301	8-729-026-49	TRANSISTOR 2SA	1037AK T146 D		R8302	1-216-041-00	RES,CHIP	470	5%	1/10W
	8-729-230-49				K6302	1-210-041-00	KES,CIII	470	370	1/10 VV
Q8302		TRANSISTOR 2SO			D.0000		DEG CITE			4 (4 0777
Q8303	8-729-230-49	TRANSISTOR 2SO			R8303	1-216-021-00	RES,CHIP	68	5%	1/10W
Q8304	8-729-230-49	TRANSISTOR 2SO	C2712-YG		R8304	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
Q8305	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8305	1-216-113-00	RES,CHIP	470K	5%	1/10W
•					R8306	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8306	8-729-230-49	TRANSISTOR 2SO	22712 VC		R8307	1-216-022-00	RES,CHIP	75	5%	1/10W
					K6307	1-210-022-00	кез,спіг	13	370	1/10 VV
Q8307	8-729-230-49	TRANSISTOR 2SO								
Q8308	8-729-230-49	TRANSISTOR 2SO			R8308	1-216-105-91	RES,CHIP	220K	5%	1/10W
Q8309	8-729-230-49	TRANSISTOR 2SO	C2712-YG		R8309	1-216-105-91	RES,CHIP	220K	5%	1/10W
Q8310	8-729-230-49	TRANSISTOR 2SO	C2712-YG		R8310	1-216-022-00	RES,CHIP	75	5%	1/10W
_					R8311	1-216-105-91	RES,CHIP	220K	5%	1/10W
Q8312	8-729-230-49	TRANSISTOR 2SO	~2712-YG		R8312	1-216-105-91	RES,CHIP	220K	5%	1/10W
Q8313	8-729-230-49	TRANSISTOR 2SO			10312	1 210 103 71	KLO,CIIII	2201	370	1/10 11
					D0212	1 216 022 00	DEC CHID	75	£0/	1/1033/
Q8319	8-729-026-49	TRANSISTOR 2SA			R8313	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8320	8-729-026-49	TRANSISTOR 2SA			R8314	1-216-105-91	RES,CHIP	220K	5%	1/10W
Q8321	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8315	1-216-105-91	RES,CHIP	220K	5%	1/10W
					R8316	1-216-113-00	RES,CHIP	470K	5%	1/10W
Q8322	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8317	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8323	8-729-026-49	TRANSISTOR 2SA					,-			
Q8324	8-729-026-49	TRANSISTOR 2SA			R8318	1-216-022-00	RES,CHIP	75	5%	1/10W
-										
Q8325	8-729-230-49	TRANSISTOR 2SO			R8319	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8326	8-729-230-49	TRANSISTOR 2SO	22/12-YG		R8320	1-216-105-91	RES,CHIP	220K	5%	1/10W
					R8321	1-216-105-91	RES,CHIP	220K	5%	1/10W
Q8327	1-801-806-11	TRANSISTOR DT	C144EKA-T146		R8322	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8328	1-801-806-11	TRANSISTOR DT	C144EKA-T146							
Q8329	8-729-230-49	TRANSISTOR 2SO			R8323	1-216-295-91	SHORT	0		
Q8330	8-729-230-49	TRANSISTOR 2SO			R8324	1-216-295-91	SHORT	0		
-					K0324	1-210-293-91	SHOKI	U		
Q8331	8-729-230-49	TRANSISTOR 2SO	2/12-1U		D0225	1.016.005.01	CHODE	0		
					R8325	1-216-295-91	SHORT	0		
Q8332	8-729-230-49	TRANSISTOR 2SO	C2712-YG							
Q8333	8-729-230-49	TRANSISTOR 2SO	C2712-YG		R8326	1-216-113-00	RES,CHIP	470K	5%	1/10W
Q8334	8-729-230-49	TRANSISTOR 2SO	C2712-YG		R8327	1-216-295-91	SHORT	0		
Q8335	8-729-230-49	TRANSISTOR 2SO			R8328	1-216-113-00	RES,CHIP	470K	5%	1/10W
Q8336	8-729-230-49	TRANSISTOR 2SO			R8329	1-216-113-00	RES,CHIP	470K	5%	1/10W
A0220	U-147-43U-47	11/71/0101UN 230	-1114-1U				*			
00007	0.700.000.40	TD A MOTOROD CO.	20710 VC		R8330	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8337	8-729-230-49	TRANSISTOR 2SO			D.C		arron=			
Q8342	8-729-230-49	TRANSISTOR 2SO	J2712-YG		R8331	1-216-295-91	SHORT	0		
Q8343	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8332	1-216-295-91	SHORT	0		
Q8344	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8333	1-216-295-91	SHORT	0		
Q8349	8-729-230-49	TRANSISTOR 2SO			R8334	1-216-295-91	SHORT	0		
Z0277	0 127 230-47	11.11.1010 1 OK 200	2.112 10		R8335	1-216-295-91	RES,CHIP	4.7K	5%	1/10W
00250	9 720 026 40	TD A MOJOTOD AG	1027 A IZ T14C D		KOJJJ	1-210-003-91	кьэ,спіг	4. / IX	J70	1/10 W
Q8350	8-729-026-49	TRANSISTOR 2SA			D022 -	1.016.05= =:	DEG CTTP	4.577	<b>=</b> ~.	1/10***
Q8351	8-729-230-49	TRANSISTOR 2SO			R8336	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
Q8352	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8337	1-216-022-00	RES,CHIP	75	5%	1/10W
Q8353	8-729-026-49	TRANSISTOR 2SA	A1037AK-T146-R		R8338	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
Q8354	8-729-026-49	TRANSISTOR 2SA			R8339	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
20001	5 . 27 O20 17		N		R8340	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
					10540	1.710-003-71	KLO,CIII	-T. / IX	5/0	1/10 11



REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R8341	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R8410	1-216-295-91	SHORT	0		
R8342	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R8411	1-216-083-00	RES,CHIP	27K	5%	1/10W
R8343	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R8412	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8344	1-216-003-91	RES,CHIP	75	5%	1/10W	10412	1-210-073-00	KL5,CIII	101	370	1/10 VV
R8348	1-216-022-00	RES,CHIP	2.2K	5%	1/10W 1/10W	R8413	1-216-041-00	RES.CHIP	470	5%	1/10W
K0340	1-210-037-00	кез,спіг	2.2K	370	1/10 <b>vv</b>	R8414	1-208-796-11	METAL CHIP	3.9K		1/10W 1/10W
R8349	1-216-049-91	RES,CHIP	1K	5%	1/10W	R8415	1-206-790-11	RES,CHIP	3.9K 1K	5%	1/10W 1/10W
R8350	1-216-049-91	RES,CHIP	1K 1K	5%	1/10W 1/10W	R8417	1-216-049-91	RES,CHIP	100	5%	1/10W 1/10W
R8351	1-216-049-91	RES,CHIP	4.7K	5%	1/10W 1/10W	R8418	1-216-025-91	RES,CHIP	100	5%	1/10W 1/10W
R8352			4.7K 4.7K			K0410	1-210-023-91	кез,спіг	100	370	1/10 vv
R8353	1-216-065-91	RES,CHIP	4.7 <b>K</b> 47	5%	1/10W	D9410	1 216 017 01	RES,CHIP	47	5%	1/10W
Kosss	1-216-017-91	RES,CHIP	47	5%	1/10W	R8419	1-216-017-91				
D0254	1 217 017 01	DEC CHID	47	£0/	1/10W	R8420	1-216-017-91	RES,CHIP	47	5%	1/10W
R8354	1-216-017-91	RES,CHIP	47	5%	1/10W	R8421	1-216-295-91	SHORT	0		
R8355	1-216-295-91	SHORT	0			R8422	1-216-295-91	SHORT	0	£0/	1/1037
R8356	1-216-295-91	SHORT	0	50/	1 /1 0117	R8424	1-216-083-00	RES,CHIP	27K	5%	1/10W
R8357	1-216-017-91	RES,CHIP	47	5%	1/10W	D0405	1 21 6 000 01	DEC CHID	4717	50/	1 /1 0337
R8358	1-216-017-91	RES,CHIP	47	5%	1/10W	R8425	1-216-089-91	RES,CHIP	47K	5%	1/10W
D0244	4.44.64.7.64	DEG CHIE	4=	=	4 /4 0 7 7 7	R8426	1-208-796-11	METAL CHIP	3.9K	0.50%	1/10W
R8361	1-216-017-91	RES,CHIP	47	5%	1/10W	R8428	1-216-295-91	SHORT	0		
R8362	1-216-017-91	RES,CHIP	47	5%	1/10W	R8429	1-216-295-91	SHORT	0		
R8363	1-208-773-11	METAL CHIP	430		1/10W	R8430	1-216-295-91	SHORT	0		
R8364	1-216-041-00	RES,CHIP	470	5%	1/10W						
R8365	1-216-049-91	RES,CHIP	1K	5%	1/10W	R8431	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R8432	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8366	1-216-049-91	RES,CHIP	1K	5%	1/10W	R8433	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8367	1-216-041-00	RES,CHIP	470	5%	1/10W	R8434	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8369	1-216-041-00	RES,CHIP	470	5%	1/10W	R8435	1-216-295-91	SHORT	0		
R8370	1-216-025-91	RES,CHIP	100	5%	1/10W						
R8372	1-216-295-91	SHORT	0			R8436	1-216-017-91	RES,CHIP	47	5%	1/10W
						R8437	1-216-025-91	RES,CHIP	100	5%	1/10W
R8373	1-216-295-91	SHORT	0			R8438	1-216-025-91	RES,CHIP	100	5%	1/10W
R8374	1-216-039-00	RES,CHIP	390	5%	1/10W	R8440	1-216-295-91	SHORT	0		
R8375	1-216-041-00	RES,CHIP	470	5%	1/10W	R8441	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8376	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R8377	1-216-025-91	RES,CHIP	100	5%	1/10W	R8442	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R8443	1-216-025-91	RES,CHIP	100	5%	1/10W
R8378	1-216-033-00	RES,CHIP	220	5%	1/10W	R8444	1-216-025-91	RES,CHIP	100	5%	1/10W
R8379	1-216-033-00	RES,CHIP	220	5%	1/10W	R8445	1-216-017-91	RES,CHIP	47	5%	1/10W
R8380	1-216-025-91	RES,CHIP	100	5%	1/10W	R8446	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8381	1-216-025-91	RES,CHIP	100	5%	1/10W						
R8382	1-216-033-00	RES,CHIP	220	5%	1/10W	R8447	1-216-025-91	RES,CHIP	100	5%	1/10W
						R8448	1-216-025-91	RES,CHIP	100	5%	1/10W
R8383	1-216-033-00	RES,CHIP	220	5%	1/10W	R8449	1-216-025-91	RES,CHIP	100	5%	1/10W
R8384	1-216-025-91	RES,CHIP	100	5%	1/10W	R8450	1-216-089-91	RES,CHIP	47K	5%	1/10W
R8385	1-216-025-91	RES,CHIP	100	5%	1/10W	R8451	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8386	1-216-025-91	RES,CHIP	100	5%	1/10W	D0153	1.016.000.01	DEG CITE	4577	50.	1 /1 017
R8388	1-216-031-00	RES,CHIP	180	5%	1/10W	R8452	1-216-089-91	RES,CHIP	47K	5%	1/10W
D0200	1 016 000 00	DEG CITE	220	501	1/1033	R8453	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8389	1-216-033-00	RES,CHIP	220	5%	1/10W	R8454	1-216-089-91	RES,CHIP	47K	5%	1/10W
R8390	1-208-773-11	METAL CHIP	430		1/10W	R8455	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8391	1-216-041-00	RES,CHIP	470	5%	1/10W	R8456	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8393	1-216-037-00	RES,CHIP	330	5%	1/10W	D0457	1.016.040.01	DEC CUE	117	501	1/1037
R8394	1-216-041-00	RES,CHIP	470	5%	1/10W	R8457	1-216-049-91	RES,CHIP	1K	5%	1/10W
D020#		DEG CITE	220	=	4 /4 0 7 7 7	R8458	1-216-049-91	RES,CHIP	1K	5%	1/10W
R8395	1-216-033-00	RES,CHIP	220	5%	1/10W	R8459	1-216-025-91	RES,CHIP	100	5%	1/10W
R8396	1-216-033-00	RES,CHIP	220	5%	1/10W	R8460	1-216-025-91	RES,CHIP	100	5%	1/10W
R8398	1-216-025-91	RES,CHIP	100	5%	1/10W	R8461	1-216-025-91	RES,CHIP	100	5%	1/10W
R8399	1-216-025-91	RES,CHIP	100	5%	1/10W	B 0 4	1 01 - 00	DEG CYTT	4077	<b>=</b>	1/10***
R8400	1-216-025-91	RES,CHIP	100	5%	1/10W	R8462	1-216-089-91	RES,CHIP	47K	5%	1/10W
<b>5</b>		nna	22		4.44.0===	R8463	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8401	1-216-081-00	RES,CHIP	22K	5%	1/10W	R8464	1-216-025-91	RES,CHIP	100	5%	1/10W
R8404	1-216-033-00	RES,CHIP	220	5%	1/10W	R8465	1-216-025-91	RES,CHIP	100	5%	1/10W
R8405	1-216-033-00	RES,CHIP	220	5%	1/10W	R8466	1-216-025-91	RES,CHIP	100	5%	1/10W
R8406	1-216-033-00	RES,CHIP	220	5%	1/10W						
R8407	1-216-033-00	RES,CHIP	220	5%	1/10W	R8467	1-216-041-00	RES,CHIP	470	5%	1/10W
						R8468	1-216-041-00	RES,CHIP	470	5%	1/10W
R8408	1-216-033-00	RES,CHIP	220	5%	1/10W	R8469	1-216-041-00	RES,CHIP	470	5%	1/10W
R8409	1-216-295-91	SHORT	0			R8470	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
						R8471	1-216-025-91	RES,CHIP	100	5%	1/10W



REF. NO	D. PART NO.	DESCRIPTION			REMARK	REF. NO	. PART NO.	DESCRIPTION			REMARK
D0450	1.216.000.01	DEG CHID	4777	50/	1/10337	D0565	1.016.017.01	DEG CIND	47	<b>5</b> 0/	1/10777
R8472	1-216-089-91	RES,CHIP	47K	5%	1/10W	R8567	1-216-017-91	RES,CHIP	47	5%	1/10W
R8473	1-216-025-91	RES,CHIP	100	5%	1/10W	R8569	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W
R8474	1-216-097-91	RES,CHIP	100K	5%	1/10W						
R8475	1-216-089-91	RES,CHIP	47K	5%	1/10W	R8570	1-216-017-91	RES,CHIP	47	5%	1/10W
R8476	1-216-031-00	RES,CHIP	180	5%	1/10W	R8572	1-208-800-11	METAL CHIP	5.6K		1/10W
						R8573	1-216-017-91	RES,CHIP	47	5%	1/10W
R8477	1-216-033-00	RES,CHIP	220	5%	1/10W	R8575	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W
R8478	1-216-089-91	RES,CHIP	47K	5%	1/10W	R8576	1-216-013-00	RES,CHIP	33	5%	1/10W
R8479	1-216-097-91	RES,CHIP	100K	5%	1/10W						
R8480	1-216-073-00	RES,CHIP	10K	5%	1/10W	R8577	1-216-295-91	SHORT	0		
R8481	1-216-095-00	RES,CHIP	82K	5%	1/10W	R8578	1-216-033-00	RES,CHIP	220	5%	1/10W
						R8579	1-216-295-91	SHORT	0		
R8482	1-216-089-91	RES,CHIP	47K	5%	1/10W	R8582	1-208-291-11	RES,CHIP	4.7M	5%	1/10W
R8484	1-216-045-00	RES,CHIP	680	5%	1/10W	R8583	1-208-291-11	RES,CHIP	4.7M	5%	1/10W
R8485	1-216-037-00	RES,CHIP	330	5%	1/10W	110505	1 200 271 11	KES,CIII	1.7111	570	1/10//
R8486	1-216-049-91	RES,CHIP	1K	5%	1/10W	R8584	1-208-291-11	RES,CHIP	4.7M	5%	1/10W
R8487	1-216-045-00	RES,CHIP	680	5%	1/10W	R8585	1-208-291-11	RES,CHIP	4.7M	5%	1/10W 1/10W
No40/	1-210-043-00	кез,спіг	000	370	1/10 W			*	4.7M 4.7M	5%	
D0400	1 216 041 00	DEC CIUD	470	50/	1/10W	R8586	1-208-291-11	RES,CHIP		3%	1/10W
R8488	1-216-041-00	RES,CHIP	470	5%		R8587	1-216-295-91	SHORT	0	50/	1 /1 0337
R8489	1-216-049-91	RES,CHIP	1K	5%	1/10W	R8588	1-216-041-00	RES,CHIP	470	5%	1/10W
R8490	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R8491	1-216-025-91	RES,CHIP	100	5%	1/10W	R8589	1-216-041-00	RES,CHIP	470	5%	1/10W
R8492	1-216-041-00	RES,CHIP	470	5%	1/10W	R8590	1-216-041-00	RES,CHIP	470	5%	1/10W
						R8592	1-216-295-91	SHORT	0		
R8493	1-216-081-00	RES,CHIP	22K	5%	1/10W	R8594	1-216-295-91	SHORT	0		
R8494	1-216-041-00	RES,CHIP	470	5%	1/10W	R8595	1-216-041-00	RES,CHIP	470	5%	1/10W
R8495	1-216-081-00	RES,CHIP	22K	5%	1/10W						
R8496	1-216-049-91	RES,CHIP	1K	5%	1/10W	R8596	1-216-041-00	RES,CHIP	470	5%	1/10W
R8497	1-216-025-91	RES,CHIP	100	5%	1/10W	R8597	1-216-041-00	RES,CHIP	470	5%	1/10W
D0400	1 216 042 01	DEC CHID	560	50/	1/1037						
R8498	1-216-043-91	RES,CHIP	560	5%	1/10W			CDMCTAI.			
R8499	1-216-081-00	RES,CHIP	22K	5%	1/10W			<crystal></crystal>			
R8500	1-216-033-00	RES,CHIP	220	5%	1/10W						
R8501	1-216-081-00	RES,CHIP	22K	5%	1/10W	X8301	1-781-612-11	VIBRATOR, CRY			
R8502	1-216-049-91	RES,CHIP	1K	5%	1/10W	X8302	1-781-612-11	VIBRATOR, CRY	STAL		
R8503	1-216-097-91	RES,CHIP	100K	5%	1/10W						
R8507	1-216-025-91	RES,CHIP	100	5%	1/10W						
R8508	1-216-025-91	RES,CHIP	100	5%	1/10W	******	*****	******	*****	******	*****
R8509	1-216-025-91	RES,CHIP	100	5%	1/10W						
R8510	1-216-041-00	RES,CHIP	470	5%	1/10W	*	* A-1342-515-A	VM BOARD MO	JNT		
								******	****		
R8512	1-216-017-91	RES,CHIP	47	5%	1/10W						
R8513	1-216-039-00	RES,CHIP	390	5%	1/10W		4-382-854-11	SCREW (M3X10)	, P, SW (+)		
R8514	1-216-039-00	RES,CHIP	390	5%	1/10W			,	, , ,		
R8515	1-216-295-91	SHORT	0								
R8516	1-216-049-91	RES,CHIP	1K	5%	1/10W			<capacitor></capacitor>			
10010	1 210 0 77 71	,	***	370	-/ - 0 11						
R8518	1-216-047-91	RES,CHIP	820	5%	1/10W	C5401	1-126-935-11	ELECT	470MF	20%	16V
R8519	1-216-047-91	RES,CHIP	820	5%	1/10W 1/10W	C5401 C5402	1-120-933-11	MYLAR	0.47MF	5%	50V
R8528	1-216-047-91	RES.CHIP		5%	1/10W 1/10W	C5402 C5403				20%	6.3V
R8528 R8530		RES,CHIP RES,CHIP	100 470			C5403 C5405	1-126-935-11 1-126-933-11	ELECT ELECT	470MF 100MF	20%	6.3 V 16 V
	1-216-041-00			5%	1/10W						
R8532	1-216-041-00	RES,CHIP	470	5%	1/10W	C5406	1-126-935-11	ELECT	470MF	20%	6.3V
Dosco	1.014.044.00	DEG CLUP	470	50/	1/10337	05.405	1 107 261 11	MATAR	0.013.55	1001	20017
R8533	1-216-041-00	RES,CHIP	470	5%	1/10W	C5407	1-107-364-11	MYLAR	0.01MF	10%	200V
R8536	1-216-025-91	RES,CHIP	100	5%	1/10W	C5408	1-107-364-11	MYLAR	0.01MF	10%	200V
R8538	1-216-041-00	RES,CHIP	470	5%	1/10W	C5409	1-107-649-11	ELECT	2.2MF	20%	250V
R8540	1-216-041-00	RES,CHIP	470	5%	1/10W	C5410	1-130-471-00	MYLAR	0.001MF	5%	50V
R8541	1-216-039-00	RES,CHIP	390	5%	1/10W	C5411	1-130-471-00	MYLAR	0.001MF	5%	50V
					1/10337	C5412	1-126-935-11	ELECT	470MF	20%	16V
R8551	1-216-049-91	RES,CHIP	1K	5%	1/10W					2070	
R8551 R8557	1-216-049-91 1-216-049-91	RES,CHIP RES,CHIP	1K 1K	5% 5%	1/10W 1/10W	C5413	1-107-648-91	ELECT	100MF	20%	160V
				5%		C5413 C5415	1-107-648-91 1-104-999-11	ELECT MYLAR			160V 200V
R8557	1-216-049-91	RES,CHIP	1K	5%	1/10W				100MF	20%	
R8557 R8558	1-216-049-91 1-208-776-11	RES,CHIP METAL CHIP	1K 560	5% 0.50% 5%	1/10W 1/10W	C5415	1-104-999-11	MYLAR	100MF 0.1MF	20% 10%	200V
R8557 R8558 R8561	1-216-049-91 1-208-776-11 1-216-049-91	RES,CHIP METAL CHIP RES,CHIP	1K 560 1K	5% 0.50% 5%	1/10W 1/10W 1/10W	C5415	1-104-999-11	MYLAR	100MF 0.1MF	20% 10%	200V
R8557 R8558 R8561 R8562	1-216-049-91 1-208-776-11 1-216-049-91 1-208-776-11	RES,CHIP METAL CHIP RES,CHIP METAL CHIP	1K 560 1K 560	5% 0.50% 5% 0.50%	1/10W 1/10W 1/10W 1/10W	C5415	1-104-999-11	MYLAR ELECT	100MF 0.1MF	20% 10%	200V
R8557 R8558 R8561 R8562	1-216-049-91 1-208-776-11 1-216-049-91 1-208-776-11 1-216-025-91	RES,CHIP METAL CHIP RES,CHIP METAL CHIP RES,CHIP	1K 560 1K 560	5% 0.50% 5% 0.50%	1/10W 1/10W 1/10W 1/10W	C5415	1-104-999-11	MYLAR	100MF 0.1MF	20% 10%	200V
R8557 R8558 R8561 R8562 R8564 R8565	1-216-049-91 1-208-776-11 1-216-049-91 1-208-776-11 1-216-025-91 1-216-049-91	RES,CHIP METAL CHIP RES,CHIP METAL CHIP RES,CHIP RES,CHIP	1K 560 1K 560	5% 0.50% 5% 0.50% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	C5415 C5418	1-104-999-11 1-107-638-11	MYLAR ELECT <connector></connector>	100MF 0.1MF 33MF	20% 10% 20%	200V
R8557 R8558 R8561 R8562	1-216-049-91 1-208-776-11 1-216-049-91 1-208-776-11 1-216-025-91	RES,CHIP METAL CHIP RES,CHIP METAL CHIP RES,CHIP	1K 560 1K 560	5% 0.50% 5% 0.50% 5% 5%	1/10W 1/10W 1/10W 1/10W	C5415 C5418 CN5401*	1-104-999-11	MYLAR ELECT	100MF 0.1MF 33MF	20% 10% 20%	200V



REF. NO	). PART NO.	DESCRIPTION			REMA	ARK	REF. NO. PART NO.	DESCRIPTION	REMARK
		<diode></diode>						MISCELLANEOUS	
D5400	8-719-911-19	DIODE 1SS119-25						******	
D5401	8-719-510-02	DIODE D1NS4							
D5402	8-719-911-19	DIODE 1SS119-25					△ 1-251-374-51	CAP ASSY, HIGH-VOLTAGE	
D5403	8-719-911-19	DIODE 1SS119-25					₾ 1-419-294-11	COIL, DEGAUSSING	
D5404	8-719-911-19	DIODE 1SS119-25					1-452-094-00	CIRCULAR DISC MAGNET B	
D5405	0.710.110.56	DIODE BRASEGR					1-452-032-00	MAGNET,DISC	
D5405	8-719-110-56	DIODE RD22ESB					1-452-896-11	COIL, NA ROTATION (RT200)	
D5406	8-719-110-56	DIODE RD22ESB	1				1-505-473-11	SPEAKER (12CM)	
							1-529-532-11	SPEAKER (5CM)	
		<coil></coil>					1-543-827-31	CLAMP, SLEEVE FERRITE	
		COIL					<b>1-769-175-21 1 1</b>	CABLE, ANTENNA (WITH FILTER)	
L5400	1-412-525-31	INDUCTOR	10UH				1-790-082-11	CABLE, RF	
L3400	1 412 323 31	Reduction	10011						
							1-792-002-11	CORD, POWER (WITH FILTER)	
		<transistor></transistor>					<b>▲</b> 8-735-056-05	PICTURE TUBE (M68LNH010X)	
							8-453-011-11	NA299-M	
Q5400	8-729-119-78	TRANSISTOR 2SO	C2785-HFE				₾ 8-451-504-61	DEFLECTION YOKE (Y29RSC-Y3)	
Q5401	8-729-119-78	TRANSISTOR 2SO					₾ 1-900-248-66	LEAD ASSY, FOCUS	
Q5402	8-729-119-78	TRANSISTOR 2SO	C2785-HFE						
Q5403	8-729-119-78	TRANSISTOR 2SO	C2785-HFE						
Q5404	8-729-119-76	TRANSISTOR 2SA	A1175-HFE						
							********	**********	*****
Q5405	8-729-119-76	TRANSISTOR 2SA							
Q5406	8-729-045-05	TRANSISTOR 2SA						ACCESSORIES AND PACKING MATE	
Q5407	8-729-045-04	TRANSISTOR 2SO	C5511					************	*****
		<resistor></resistor>					A 1028 081 A	PACKING GROUP	
		(KESISTOR)					3-701-910-00	SCREW, SPECIAL (DIA. 3.8X20)	
R5401	1-249-425-11	CARBON	4.7K	5%	1/4W		4-392-004-11	CLIP	
R5402	1-249-415-11	CARBON	680	5%	1/4W		3-867-756-11	MANUAL, INSTRUCTION	
R5403	1-247-739-11	CARBON	100	5%	1/2W	F	4-392-003-01	BAND, HOLD	
R5404	1-249-418-11	CARBON	1.2K	5%	1/4W				
R5406	1-249-425-11	CARBON	4.7K	5%	1/4W		* 4-071-701-01	INDIVIDUAL CARTON	
							4-071-702-01	TRAY	
R5407	1-249-399-11	CARBON	33	5%	1/4W		* 4-071-703-01	CUSHION (UPPER) (ASSY)	
R5408	1-247-807-31	CARBON	100	5%	1/4W		* 4-071-704-01	CUSHION (LOWER) (ASSY)	
R5409	1-247-815-91	CARBON	220	5%	1/4W		* 4-388-135-01	BAG, PROTECTION	
R5410	1-249-401-11	CARBON	47	5%	1/4W				
R5411	1-249-401-11	CARBON	47	5%	1/4W		* 4-396-077-01	JOINT	
D5410	1 240 420 11	CARRON	1077	50/	1 /4557				
R5412	1-249-429-11		10K	5%	1/4W	E			
R5413 R5414	1-249-414-11 1-249-432-11	CARBON CARBON	560 18K	5% 5%	1/4W 1/4W	Г	***********	***********	*****
R5414 R5415	1-249-432-11	CARBON	18K 100	5% 5%	1/4 W 1/2W	F			
R5416	1-249-385-11	CARBON	2.2	5%	1/4W			REMOTE COMMANDER	
R5417	1-249-383-11	CARBON	18K	5%	1/4W	•		**************************************	
10 117	12.5 152 11	21.11.2011		270	2, 111				
R5418	1-249-414-11	CARBON	560	5%	1/4W				
R5419	1-249-421-11	CARBON	2.2K	5%	1/4W		1-418-566-11	REMOTE COMMANDER (RM-916)	
R5420	1-249-421-11	CARBON	2.2K	5%	1/4W		4-074-721-01	BATTERY COVER, REMOTE COMMA	ANDER
R5421	1-249-385-11	CARBON	2.2	5%	1/4W	F			
R5422	1-249-405-11	CARBON	100	5%	1/4W	F			
R5423	1-215-915-11	METAL OXIDE	470	5%	3W	F			
R5424	1-249-395-11	CARBON	15	5%	1/4W				
R5425	1-249-401-11	CARBON	47	5%	1/4W				
R5427	1-249-395-11	CARBON	15	5%	1/4W				
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KV-ES29M90 RM-916